**API Protocol for Dual-spectrum**

**Bullet Camera**

 **V6.0**

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## 1. Overview

Please refer to *API invoking directions* for interface protocols and API use directions of dual spectrum bullet thermal camera.

### 1.1. Release Information

Version : 1.0.7

### 1.2. License Information

License : Apache 2.0

License Website : <http://www.apache.org/licenses/LICENSE-2.0.html>

Terms of Service : <http://xxxxx.com/>

### 1.3. URI scheme

Base Path : /v1

### 1.4. Label

* token : login and authentication
* stream : playback management
* intelli/dynamic : dynamic inspection
* intelli/basiciva : intelligent analysis
* intelli/highlight : intelligent analysis
* firewarning : intelligent analysis
* exception : abnormal network
* thermal/env : parameters of thermal sensor
* thermal/temp : thermographic analysis
* event : subscibe data push

## 2. Resources

### 2.1. Token

login and authentication

#### 2.1.1. Login Keep-alive

PUT /token/

##### Instructions

Regularly update Token to avoid out -of -date Token，the Client software should send every 30 seconds.

##### Response

| **HTTP code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [model.KeepAlive](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_model_keepalive) |
| **400701** | Invalid Token | NULL |

##### Request Illustrations of HTTP

###### Request path

/token/

##### Response Illustrations of HTTP

###### Response 200

{ }

#### 2.1.2. User Login

POST /token/

##### Instructions

User login, return Token information after successful login for permissions validation during API interaction.

##### Parameters

| **Type** | **Name**  | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **username**required  | user name | string |
| **Query** | **password**required  | login password, AES-CBC encryption, key and offset: YJWL202101010000,128 -bit data block, fill with PKCS7, transmit with BASE64 encryption. URL encoding is required after encryption | string |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** | {string} User Token | Null |
| **400702** | Incorrect password  | Null |
| **400703** | the number of login user beyond limit  | Null |
| **400704** | the user does not exist | Null |
| **400724** | the current account is restricted to the blacklist | Null |
| **400725** | the current account is locked  | Null |

##### Request Illustration of HTTP

###### request path

/token/?username=string&password=string

#### 2.1.3. Quit Login

DELETE /token/

##### Instructions

Quit login

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | failed operations | Null |
| **400701** | invalid token | Null |

##### Request Illustrations of HTTP

###### Request path

/token/

### 2.2. Stream

Playback Management

#### 2.2.1. Get RTSP Url Address of Real-time Stream

GET /stream/live/rtsp

##### Description

Get RTSP Url Address of real-time stream, the “admin: admin “here is an illustration, the correct user name and password should be used if authentication is needed.

##### Parameters

| **Type**  | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | the video channel number starts from 0 | integer (int32) |
| **Query** | **stream**required | Stream type，0 stands for main stream，1 stands for sub stream | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** | {string} RTSP address of real-time stream  | Null |

##### Request Illustration of HTTP

###### request path

/stream/live/rtsp?chn=0&stream=0

### 2.3. Netapp

Heartbeat

#### 2.3.1. Get Heartbeat Configuration

GET /netapp/heartBeat

##### Instruction

Get heartbeat configuration.

##### Parameter

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default**required | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.HeartBeat](#_conf_heartbeat) |
| **400300** | Failed to get configuration | Null |

##### Request Illustrations of HTTP

###### Request path

/netapp/heartBeat

##### Response Illustrations of HTTP

###### Response 200

{

 "Address" : "string",

 "Enable" : true

}

#### 2.3.2. Set Heartbeat Configuration

PUT /netapp/heartBeat

##### Instruction

Set heartbeat configuration.

##### Parameter

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg**required | Configure data | conf.HeartBeat |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400301** | Failed to set configuration | Null |

##### Request Illustrations of HTTP

###### Request path

/netapp/heartBeat

###### Request body

{

 "Address" : "string",

 "Enable" : true

}

### 2.4 Intelli/dynamic

Dynamic Inspection

#### 2.4.1. Get dynamic inspection configurations

GET /intelli/dynamic/

##### Instructions

Get dynamic inspection configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | video channel No. | integer (int32) |
| **Query** | **default**required | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.DynamicInspection](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_dynamicinspection) |
| **400300** | get config. failed | Null |

##### Request Illustration of HTTP

###### request path

/intelli/dynamic/?chn=0

##### Response Illustrations of HTTP

###### response 200

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Mode" : 0,

 "Region" : [ {

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "Enable" : true,

 "EventSubType" : 0,

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

 } ],

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

}

#### 2.4.2. Set dynamic inspection configuration

PUT /intelli/dynamic/

##### Instructions

Set dynamic inspection configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | video channel No. | integer (int32) |
| **Body** | **cfg**required | dynamic inspection configuration | [conf.DynamicInspection](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_dynamicinspection) |

##### Response

| **HTTP Code** | **Type** |
| --- | --- |
| **200** | Null |

##### Request Illustration of HTTP

###### Request path

/intelli/dynamic/?chn=0

###### Request body

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Mode" : 0,

 "Region" : [ {

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "Enable" : true,

 "EventSubType" : 0,

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

 } ],

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

}

### 2.5. Intelli/basiciva

Intelligent analysis

#### 2.5.1. Get configuration of target filtering

GET /intelli/basiciva/global

##### Instructions

get configuration of target filtering

##### Parameters

| **Type** | **Name**  | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default**optional | default | boolean |

##### Response

| **HTTP Code** | **Description**  | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.TargetFilter](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_targetfilter) > array |
| **400300** | Failed to get configuration. | Null |

##### Request Illustration of HTTP

###### Request path

/intelli/basiciva/global

##### Response Illustration of HTTP

###### Response 200

[ {

 "MaxTargetSize" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 },

 "MinTargetSize" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 }

} ]

#### 2.5.2. Set Target Filtering

PUT /intelli/basiciva/global

##### Description

Set target filtering configuration.

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg**required | target filtering configuration.  | < [conf.TargetFilter](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_targetfilter) > array |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400301** | Failed to set configuration. | Null |

##### Request Illustration of HTTP

###### request path

/intelli/basiciva/global

###### request body

[ {

 "MaxTargetSize" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 },

 "MinTargetSize" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 }

} ]

#### 2.5.3. Get detection line configuration

GET /intelli/basiciva/line

##### Instructions

get detection line configuration.

##### Parameters

| **Type** | **Nam** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | video channel No. | integer (int32) |
| **Query** | **default**optional  | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.DetectLineConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_detectlineconfig) |
| **400300** | Failed to get configuration.  | Null |

##### Request Illustrations of HTTP

###### request path

/intelli/basiciva/line?chn=0

##### Request Illustrations of HTTP

###### Response 200

{

 "DetectLine" : [ {

 "Line" : {

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "Enable" : true,

 "EventSubType" : 0,

 "ID" : 0,

 "Line" : {

 "Point1" : {

 "X" : 0,

 "Y" : 0

 },

 "Point2" : {

 "X" : 0,

 "Y" : 0

 }

 },

 "Name" : "string"

 },

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

 } ],

 "Enable" : true

}

#### 2.5.4. Set detection line configuration

PUT /intelli/basiciva/line

##### Instructions

Set detection line configuration.

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | video channel No. | integer (int32) |
| **Body** | **cfg**required  | detection line configuration. | [conf.DetectLineConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_detectlineconfig) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed  | Null |

##### Request Illustration of HTTP

###### request path

/intelli/basiciva/line?chn=0

###### request body

{

 "DetectLine" : [ {

 "Line" : {

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "Enable" : true,

 "EventSubType" : 0,

 "ID" : 0,

 "Line" : {

 "Point1" : {

 "X" : 0,

 "Y" : 0

 },

 "Point2" : {

 "X" : 0,

 "Y" : 0

 }

 },

 "Name" : "string"

 },

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

 } ],

 "Enable" : true

}

#### 2.5.5. Get detection configuration of region intrusion

GET /intelli/basiciva/region

##### Instructions

Get detection of region intrusion configuration.

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | video channel No.  | integer (int32) |
| **Query** | **default**optional | default | boolean |

##### Response

| **HTTP Code** | **Description**  | **Type** |
| --- | --- | --- |
| **200** |  | [conf.DetectRegionConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_detectregionconfig) |
| **400300** | Failed to get configuration.  | Null |

##### Request Illustration of HTTP

###### request path

/intelli/basiciva/region?chn=0

##### Response Illustration of HTTP

###### Response 200

{

 "DetectRegion" : [ {

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Region" : {

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "Enable" : true,

 "EventSubType" : 0,

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

 } ],

 "Enable" : true

}

#### 2.5.6. Set detection configuration of region intrusion

PUT /intelli/basiciva/region

##### Instructions

Set detection of region intrusion configuration.

##### Parameters

| **Type** | **Name** | **Description**  | **Type** |
| --- | --- | --- | --- |
| **Query** | **chn**required | video channel No.  | integer (int32) |
| **Body** | **cfg**required | detection of region intrusion config.  | [conf.DetectRegionConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_detectregionconfig) |

##### Response

| **HTTP Code** | **Description**  | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | Operation failed  | Null |

##### Request Illustrations of HTTP

######  request path

/intelli/basiciva/region?chn=0

###### request body

{

 "DetectRegion" : [ {

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Region" : {

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "Enable" : true,

 "EventSubType" : 0,

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

 } ],

 "Enable" : true

}

### 2.6. Intelli/highlight

Intelligent analysis

#### 2.6.1. Get parameters of strong light protection

GET /intelli/highlight/tpcalarm

##### Instructions

Get parameters of strong light protection

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default**optional | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.TpcAlarm](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tpcalarm) |
| **400300** | get config. failed | Null |

##### Request Illustrations of HTTP

###### request path

/intelli/highlight/tpcalarm

##### Response Illustration of HTTP

###### response 200

{

 "Enable" : true,

 "Engry" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Mode" : 0,

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

}

#### 2.6.2. Set parameters of strong light protection

PUT /intelli/highlight/tpcalarm

##### Instructions

Set parameters of strong light protection

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **tpcalarm** *required* | parameters of strong light protection | [conf.TpcAlarm](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tpcalarm) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400** | parameter error | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/intelli/highlight/tpcalarm

###### Request body

{

 "Enable" : true,

 "Engry" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Mode" : 0,

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

}

### 2.7. Firewarning

Intelligent analysis

#### 2.7.1. Get Fire Warning Capability

GET /firewarning/caps

##### Description

Get fire warning capability.

##### Response

| **HTTP Code** | **Type** |
| --- | --- |
| **200** | [dsd.FireCaps](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_firecaps) |

##### Request Illustration of HTTP

###### Request path

/firewarning/caps

##### Response Illustration of HTTP

###### Response 200

{

 "Col" : 0,

 "Row" : 0

}

#### 2.7.2. Get Fire Warning Configuration

GET /firewarning/config

##### Description

Get fire warning configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.FireAlarm](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_firealarm) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/firewarning/config

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Mode" : 0,

 "Region" : [ 0 ],

 "RegionInfo" : [ {

 "Enable" : true,

 "Name" : "string",

 "Threshold" : 0

 } ],

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

}

#### 2.7.3. Set Fire Warning Configuration

PUT /firewarning/config

##### Description

Set fire warning configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | config. of fire warning detection | [conf.FireAlarm](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_firealarm) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400301** | Failed to set configuration | Null |

##### Request Illustration of HTTP

###### Request path

/firewarning/config

###### Request body

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Mode" : 0,

 "Region" : [ 0 ],

 "RegionInfo" : [ {

 "Enable" : true,

 "Name" : "string",

 "Threshold" : 0

 } ],

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 }

}

### 2.8. Exception

Abnormal network

#### 2.8.1. Get Network Exception Configuration

GET /exception/network

##### Description

Get network exception configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.NetworkAbnormal](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_networkabnormal) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/exception/network

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 }

}

#### 2.8.2. Set Network Exception Configuration

PUT /exception/network

##### Description

Set network exception configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | configure data | [conf.NetworkAbnormal](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_networkabnormal) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400301** | set config. failed | Null |

##### Request Illustration of HTTP

###### Request path

/exception/network

###### Request body

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 }

}

#### 2.8.3. Get detection configuration of SD card exception

GET /exception/sdcard

##### Description

Get detection of SD card exception configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.SDAnomaly](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_sdanomaly) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/exception/sdcard

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 }

} ]

#### 2.7.4. Set detection configuration of SD card exception

PUT /exception/sdcard

##### Description

Set detection configuration of SD card exception

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | config. data | < [conf.SDAnomaly](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_sdanomaly) > array |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400301** | Failed to set configuration | Null |

##### Request Illustration of HTTP

###### Request path

/exception/sdcard

###### Request body

[ {

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 }

} ]

#### 2.8.5. Get unauthorized access configuration

GET /exception/user/access

##### Description

Get unauthorized access configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.UnauthorizedAccess](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_unauthorizedaccess) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/exception/user/access

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 }

}

#### 2.8.6. Set unauthorized access configuration

PUT /exception/user/access

##### Description

Set unauthorized access configuration

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | Configure data | [conf.UnauthorizedAccess](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_unauthorizedaccess) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400301** | set config. failed | Null |

##### Request Illustration of HTTP

###### Request path

/exception/user/access

###### Request body

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 }

}

### 2.9. Thermal/env

Parameters of thermal detector

#### 2.9.1. Get parameters of temperature measurement attribute

GET /thermal/env/attribute

##### Description

Get parameters of temperature measurement attribute

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.TempAttribute](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempattribute) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/env/attribute

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "Fps" : 0,

 "Level" : 0,

 "OsdMode" : 0,

 "Unit" : 0

}

#### 2.9.2. Set parameters of temperature measurement attribute

PUT /thermal/env/attribute

##### Description

Set parameters of temperature measurement attribute

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | configuration of temperature measurement attribute | [conf.TempAttribute](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempattribute) |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/env/attribute

###### Request body

{

 "Enable" : true,

 "Fps" : 0,

 "Level" : 0,

 "OsdMode" : 0,

 "Unit" : 0

}

#### 2.9.3. Get Image Target Parameters

GET /thermal/env/target

##### Description

Get image target parameters

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.ImageTarget](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_imagetarget) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/env/target

##### Response Illustration of HTTP

###### Response 200

{

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

}

#### 2.9.4. Set Image Target Parameters

PUT /thermal/env/target

##### Description

Set image target parameters

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | config. of image target parameter | [conf.ImageTarget](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_imagetarget) |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/env/target

###### Request body

{

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

}

### 2.10. Thermal/temp

Thermographic analysis

#### 2.10.1. Get configuration of temperature difference analysis

GET /thermal/temp/difference

##### Description

Get configuration of temperature difference analysis

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.TempDifference](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempdifference) > array |
| **400300** | Failed to get configuration.  | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/difference

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Region" : [ 0 ],

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.2. Set configuration of temperature difference analysis

PUT /thermal/temp/difference

##### Description

Set configuration of temperature difference analysis

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | Configure temperature difference analysis | < [conf.TempDifference](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempdifference) > array |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/difference

###### Request body

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Region" : [ 0 ],

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.3. Get Configuration of Whole-Frame Temperature Measurement

GET /thermal/temp/frame

##### Description

Get configuration of whole-frame temperature measurement

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [conf.TempFrameConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempframeconfig) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/frame

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "TempRule" : [ {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 } ]

}

#### 2.10.4. Set configuration of whole-frame temperature measurement

PUT /thermal/temp/frame

##### Description

Set configuration of whole-frame temperature measurement

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | Configure whole-frame temperature measurement | [conf.TempFrameConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempframeconfig) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/frame

###### Request body

{

 "Enable" : true,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "TempRule" : [ {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 } ]

}

#### 2.10.5. Get whole-frame temperature data

GET /thermal/temp/frame/temp

##### Description

Get whole-frame temperature data

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | *chn*optional | Video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [dsd.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_tempdata) |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/frame/temp

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

}

#### 2.10.6. Get configuration of temperature measurement line

GET /thermal/temp/line

##### Description

Get configuration of temperature measurement line

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |
| **Query** | **chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.TempLineConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_templineconfig) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/line

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "Line" : {

 "Point1" : {

 "X" : 0,

 "Y" : 0

 },

 "Point2" : {

 "X" : 0,

 "Y" : 0

 }

 },

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Name" : "string",

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "Target" : {

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "Enable" : true,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

 },

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.7. Set configuration of temperature measurement line

PUT /thermal/temp/line

##### Description

Set configuration of temperature measurement line

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | Configure temperature measurement line  | < [conf.TempPointConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temppointconfig) > array |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/line

###### Request body

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Name" : "string",

 "Point" : {

 "X" : 0,

 "Y" : 0

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "Target" : {

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "Enable" : true,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

 },

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.8. Get temperature data of temperature measurement line

GET /thermal/temp/line/temp

##### Description

Get temperature data of temperature measurement line. If id> 0, get the temperature data of the specified rule ID.

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **id** *optional* | line temperature measurement ID | integer (int32) |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [dsd.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_tempdata) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/line/temp

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

} ]

#### 2.10.9. Get configuration of temperature measurement mask region

GET /thermal/temp/mask

##### Description

Get configuration of temperature measurement mask region

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.TempMaskConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempmaskconfig) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/mask

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

} ]

#### 2.10.10. Set configuration of temperature measurement mask region

PUT /thermal/temp/mask

##### Description

Set configuration of temperature measurement mask region

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | configure temperature measurement mask region | < [conf.TempMaskConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempmaskconfig) > array |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/mask

###### Request body

[ {

 "Enable" : true,

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

} ]

#### 2.10.11. Get configuration of temperature measurement point

GET /thermal/temp/point

##### Description

Get configuration of temperature measurement point

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default** *optional* | default | boolean |
| **Query** | **Chn***optional* | No. of video channel | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.TempPointConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temppointconfig) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/point

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Name" : "string",

 "Point" : {

 "X" : 0,

 "Y" : 0

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "Target" : {

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "Enable" : true,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

 },

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.12. Set configuration of temperature measurement point

PUT /thermal/temp/point

##### Description

Set configuration of temperature measurement point

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | configure temperature measurement point  | < [conf.TempPointConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temppointconfig) > array |
| **Query** | **Chn**optional | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/point

###### Request body

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Name" : "string",

 "Point" : {

 "X" : 0,

 "Y" : 0

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "Target" : {

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "Enable" : true,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

 },

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.13. Get temperature data of random point

GET /thermal/temp/point/random/temp

##### Description

Get temperature data of a random point, with coordinate point in the 8192×8192 coordinate system

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **x** *required* | coordinate position on the X axis | integer (int32) |
| **Query** | **y** *required* | coordinate position on the Y axis | integer (int32) |
| **Query** | **chn***required* | Video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [dsd.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_tempdata) |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/point/random/temp?x=0&y=0

##### Response Illustration of HTTP

###### Response 200

{

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

}

#### 2.10.14. Get temperature data of temperature measurement point

GET /thermal/temp/point/temp

##### Description

Get temperature data of a temperature measurement point. If id> 0, get the temperature data of the specified rule ID.

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **id** *optional* | point temperature measurement ID | integer (int32) |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [dsd.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_tempdata) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/point/temp

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

} ]

#### 2.10.15. Get configuration of temperature measurement region

GET /thermal/temp/region

##### Description

Get configuration of temperature measurement region

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **Default***optional* | default | boolean |
| **Query**  | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [conf.TempRegionConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempregionconfig) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/region

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "Target" : {

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "Enable" : true,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

 },

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.16. Set configuration of temperature measurement region

PUT /thermal/temp/region

##### Description

Set configuration of temperature measurement region

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | config. of temperature measurement region | < [conf.TempRegionConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_tempregionconfig) > array |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/region

###### Request body

[ {

 "Enable" : true,

 "ID" : 0,

 "Linkage" : {

 "AlarmOut" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "Buzzer" : true,

 "FTP" : true,

 "Flash" : {

 "Enable" : true,

 "Frequency" : 0,

 "Mode" : 0,

 "StayTime" : 0

 },

 "PTZ" : true,

 "Record" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "SMTP" : true,

 "Snap" : {

 "Channel" : [ 0 ],

 "Delay" : 0,

 "Enable" : true

 },

 "VoicePrompt" : {

 "Enable" : true,

 "FilePath" : "string",

 "Times" : 0

 }

 },

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 },

 "Schedule" : {

 "WeekDay" : [ {

 "Section" : [ {

 "TimeSec" : [ 0 ],

 "TimeStr" : [ "string" ]

 } ]

 } ]

 },

 "Target" : {

 "AtmosphereTemp" : 0.0,

 "Distance" : 0.0,

 "Emissivity" : 0.0,

 "Enable" : true,

 "ReflectedTemp" : 0.0,

 "Transmittance" : 0.0

 },

 "TempRule" : {

 "AlarmRulue" : 0,

 "Debounce" : 0,

 "ThresholdTemp" : 0.0,

 "ToleranceTemp" : 0.0

 }

} ]

#### 2.10.17. Get temperature data of temperature measurement region

GET /thermal/temp/region/temp

##### Description

Get temperature data of the temperature measurement region. If id> 0, get the temperature data of the specified rule ID.

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **id** *optional* | region temperature measurement ID | integer (int32) |
| **Query** | **Chn***optional* | video channel number | integer (int32) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [dsd.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_tempdata) > array |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/region/temp

##### Response Illustration of HTTP

###### Response 200

[ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

} ]

#### 2.10.18. Get OSD Configuration of Visible Light Temperature Measurement

GET /thermal/temp/temp/visibleosd

##### Description

Get OSD configuration of visible light temperature measurement

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **default***optional* | default | boolean |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | boolean |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/temp/visibleosd

##### Response Illustration of HTTP

###### Response 200

true

#### 2.10.19. Set OSD Configuration of Visible Light Temperature Measurement

PUT /thermal/temp/temp/visibleosd

##### Description

Set OSD configuration of visible light temperature measurement

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Body** | **cfg** *required* | whether to enable visible light temperature measurement | [conf.VisibleTempConfig](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_visibletempconfig) |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/temp/visibleosd

###### Request body

{

 "Enable": true

}

**2.10.20 Get temperature measurement value of full frame, point, line, region)**

GET /thermal/temp/tempFrame/alltemps

**Description**

Get temperature measurement value of full frame, point, line, region.

**Response**

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | dsd.AllTempData |
| **400300** | Failed to get configuration | Null |

##### Request Illustration of HTTP

###### Request path

/thermal/temp/tempFrame/alltemps

##### Response Illustration of HTTP

**Response 200**

{

 "Frame" : [ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

 } ],

 "Line" : [ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

 } ],

 "Point" : [ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

 } ],

 "Region" : [ {

 "Enable" : true,

 "ID" : 0,

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0

 } ]

}

### 2.11. Playback

Picture files

#### 2.11.1 Enquiry Lists of Picture Files

GET /playback/picture

##### Description

Enquiry the lists of picture files via specified searching conditions

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **Starttime**required | Start time of query, for example, 2018-12-18 14:40:30 | string |
| **Query** | **endtime***required* | End time of query, for example, 2018-12-19 14:40:30 | string |
| **Query** | **Chn**required  | The enquired channel  | integer (int32) |
| **Query** | **Snaptype**required | Snap type | integer (int32) |
| **Query** | **Count** required | Query the expected returned number, 50 by default  | Integer (int64) |
| **Query** | **Offset**required | Query the position offset, type in 0 for the first time | Integer (int64) |

**Response**

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [dsd.PictureFileQueryResult](file:///C%3A%5C%5CUsers%5C%5Cuser%5C%5CDesktop%5C%5CSDK%5C%5CAPI%E6%96%87%E6%A1%A3%E7%BF%BB%E8%AF%91%5C%5CFB225-T%5C%5C%E6%9B%B4%E6%96%B0%5C%5CIRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V5.0.html%22%20%5Cl%20%22_dsd_picturefilequeryresult) |
| **400501** | query failed | Null |

##### Request Illustration of HTTP

###### Request path

/playback/picture?starttime=string&endtime=string&chn=0&snaptype=0&count=0&offset=0

##### Response Illustration of HTTP

**Response 200**

{

 "Num" : 0,

 "PictureFile" : [ {

 "Channel" : 0,

 "Id" : 0,

 "MountPoint" : "string",

 "Path" : "string",

 "SnapType" : 0,

 "Time" : 0

 } ],

 "Total" : 0

}

#### 2.11.2 Get picture files

GET /playback/picture/download

**Description**

Download the picture files according to the path information.

**Parameters**

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **Chn**required  | Picture channel  | integer (int32) |
| **Query** | **path**required | Path information  | string |
| **Query** | **time** required | Time stamp | Integer (int64) |

**Response**

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** | {string} | [Null](file:///C%3A%5C%5CUsers%5C%5Cuser%5C%5CDesktop%5C%5CSDK%5C%5CAPI%E6%96%87%E6%A1%A3%E7%BF%BB%E8%AF%91%5C%5CFB225-T%5C%5C%E6%9B%B4%E6%96%B0%5C%5CIRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V5.0.html%22%20%5Cl%20%22_dsd_picturefilequeryresult) |
| **400003** | Download failed | Null |

##### Request Illustration of HTTP

###### Request path

/playback/picture/download?chn=0&path=string&time=0

#### 2.11.3 Query video flies

GET /playback/video

**Description**

Query video files according to the specified query conditions.

**Parameters**

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **Starttime**required | Start time of query, for example, 2018-12-18 14:40:30Note: the start time should be sooner than the end time  | string |
| **Query** | **endtime***required* | End time of query, for example, 2018-12-19 14:40:30Note: the end time should be later than the start time. | string |
| **Query** | **Chn**required  | The query channel  | integer (int32) |
| **Query** | **recordtype**required | Record type | integer (int32) |
| **Query** | **Count** required | Query the expected returned number, 50 by default  | Integer (int64) |
| **Query** | **Offset**required | Query the position offset, type in 0 for the first time  | Integer (int64) |

**Response**

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | dsd.VideoFileQueryResult |
| **400501** | query failed | Null |

##### Request Illustration of HTTP

###### Request path

/playback/video?starttime=string&endtime=string&chn=0&recordtype=0&count=0&offset=0

##### Response Illustration of HTTP

**Response 200**

{

 "Num" : 0,

 "Total" : 0,

 "VideoFile" : [ {

 "Channel" : 0,

 "EndTime" : 0,

 "Id" : 0,

 "Length" : 0,

 "Lock" : true,

 "MountPoint" : "string",

 "Path" : "string",

 "RecordType" : 0,

 "StartTime" : 0,

 "StreamType" : 0

 } ]

}

#### 2.11.4 Download Video Files

GET /playback/video/download

**Description**

Download video files

**Parameters**

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **filename**required | Name of video files  | string |

**Response**

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | Null |
| **400003** | download failed | Null |

##### Request Illustration of HTTP

###### Request path

/playback/video/download?filename=string

### 2.12. Event

Subscribe data push

#### 2.12.1. Get event list supported by the system

GET /event/list

##### Description

Get event list supported by the system, and provide a collection of event names at the time of event subscription.

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | < [types.KV](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_kv) > array |
| **400000** | operation failed | Null |

##### Request Illustration of HTTP

###### Request path

/event/list

##### Response Illustration of HTTP

###### Response 200

[ {

 "Key" : 0,

 "Value" : "string"

} ]

#### 2.12.2. Subscribe Event Push Service

GET /event/subscription

##### Description

Subscribe the event push service through WebSocket, and push event information on the WS after successful subscription. For example, "ws://192.168.1.123/v1/event/subscription? chns=0,1&events=Alarm.\*". For details, please refer to *Data Subscription Push Instructions*

##### Parameters

| **Type** | **Name** | **Description** | **Type** |
| --- | --- | --- | --- |
| **Query** | **chns** *required* | subscription channel number, e.g., chns=0,1 | < integer (int32) > array |
| **Query** | **events** *required* | only subscribe events of the specified type | < string > array |

##### Response

| **HTTP Code** | **Description** | **Type** |
| --- | --- | --- |
| **200** |  | [dsd.EventMessage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_eventmessage) |
| **EventInfo<dynamic inspection alarm rule>**  |  | [define.SimEventNotify](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_simeventnotify) |
| **EventInfo<region intrusion rule>**  |  | [define.RegionRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_regionrule) |
| **EventInfo<region temperature measurement rule>**  |  | [define.TempRegion](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempregion) |
| **EventInfo<alarm input rule>**  |  | [conf.AlarmInAlgorithm](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_alarminalgorithm) |
| **EventInfo<whole-frame temperature measurement rule>**  |  | [define.TempFrame](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempframe) |
| **EventInfo<temperature difference analysis rule>**  |  | [define.TempDiff](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempdiff) |
| **EventInfo<fire warning rule>**  |  | [define.SimEventNotify](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_simeventnotify) |
| **EventInfo<point temperature measurement rule>**  |  | [define.TempPoint](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_temppoint) |
| **EventInfo<line temperature measurement rule>**  |  | [define.TempLine](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_templine) |
| **EventInfo<tripwire intrusion rule>**  |  | [define.LineRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_linerule) |
| **EventInfo<unauthorized access>**  | {string} user name | Null |

##### Request Illustration of HTTP

###### Request path

/event/subscription?chns=0&events=string

##### Response Illustration of HTTP

###### Response 200

{

 "Channel" : 0,

 "EventAction" : { },

 "EventInfo" : { },

 "EventName" : "string",

 "EventTime" : "string"

}

###### Response to EventInfo<dynamic inspection alarm rule>

{

 "Events" : [ {

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Rect" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 }

 } ],

 "Region" : {

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 }

 }

}

###### Response to EventInfo<region intrusion rule>

{

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 }

}

###### Response to EventInfo<region temperature measurement rule>

{

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 },

 "Rule" : {

 "AlarmRulue" : 0,

 "ThresholdTemp" : 0.0

 },

 "Temp" : {

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0,

 "TempUnit" : 0

 }

}

###### Response to EventInfo<alarm input rule>

{

 "Debounce" : 0,

 "Enable" : true,

 "ID" : 0,

 "SensorType" : 0

}

###### Response to EventInfo<whole-frame temperature measurement rule>

{

 "ID" : 0,

 "Rule" : {

 "AlarmRulue" : 0,

 "ThresholdTemp" : 0.0

 },

 "Temp" : {

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0,

 "TempUnit" : 0

 }

}

###### Response to EventInfo<temperature difference analysis rule>

{

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Region" : [ {

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Points" : [ {

 "X" : 0,

 "Y" : 0

 } ]

 },

 "Rule" : {

 "AlarmRulue" : 0,

 "ThresholdTemp" : 0.0

 },

 "Temp" : {

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0,

 "TempUnit" : 0

 }

 } ],

 "Rule" : {

 "AlarmRulue" : 0,

 "ThresholdTemp" : 0.0

 }

}

###### Response to EventInfo<fire warning rule>

{

 "Events" : [ {

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Rect" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 }

 } ],

 "Region" : {

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Name" : "string",

 "Region" : {

 "Bottom" : 0,

 "Left" : 0,

 "Right" : 0,

 "Top" : 0

 }

 }

}

###### Response to EventInfo<point temperature measurement rule>

{

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Name" : "string",

 "Point" : {

 "X" : 0,

 "Y" : 0

 },

 "Rule" : {

 "AlarmRulue" : 0,

 "ThresholdTemp" : 0.0

 },

 "Temp" : {

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0,

 "TempUnit" : 0

 }

}

###### Response to EventInfo<line temperature measurement rule>

{

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "ID" : 0,

 "Line" : {

 "Point1" : {

 "X" : 0,

 "Y" : 0

 },

 "Point2" : {

 "X" : 0,

 "Y" : 0

 }

 },

 "Name" : "string",

 "Rule" : {

 "AlarmRulue" : 0,

 "ThresholdTemp" : 0.0

 },

 "Temp" : {

 "MaxTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "MinTempPoint" : {

 "X" : 0,

 "Y" : 0

 },

 "TempAvg" : 0.0,

 "TempCenter" : 0.0,

 "TempMax" : 0.0,

 "TempMin" : 0.0,

 "TempRangeMax" : 0.0,

 "TempRangeMin" : 0.0,

 "TempUnit" : 0

 }

}

###### Response to EventInfo<tripwire intrusion rule>

{

 "Color" : {

 "RGBA" : [ 0 ]

 },

 "Direction" : {

 "PointA" : {

 "X" : 0,

 "Y" : 0

 },

 "PointB" : {

 "X" : 0,

 "Y" : 0

 },

 "PointTo" : 0

 },

 "ID" : 0,

 "Line" : {

 "Point1" : {

 "X" : 0,

 "Y" : 0

 },

 "Point2" : {

 "X" : 0,

 "Y" : 0

 }

 },

 "Name" : "string"

}

## 3. Definition

### 3.1. blp.CAFile

Type: object

### 3.2. common.JString

Type: string

### 3.3. conf.AlarmInAlgorithm

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Debounce** *optional* | debounce time **sample**: 0 | integer (int32) |
| **Enable** *optional* | enable **sample**: true | boolean |
| **ID** *optional* | alarm input number **sample**: 0 | integer (int32) |
| **SensorType** *optional* | sensor type, 0: normally OFF, 1: normally ON s**ample**: 0 | integer (int64) |

### 3.4. conf.DetectLine

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Line** *optional* | description of detection line **sample**: conf.LineInfo | [conf.LineInfo](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_lineinfo) |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |

### 3.5. conf.DetectLineConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **DetectLine** *optional* | detection line configuration parameters, up to 4 detection lines by default **sample**: [ " conf.DetectLine " ] | < [conf.DetectLine](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_detectline) > array |
| **Enable** *optional* | enabling switch of detection line **sample**: true | boolean |

### 3.6. conf.DetectRegion

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Region** *optional* | description of detection region **sample**: conf.RegionInfo | [conf.RegionInfo](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_regioninfo) |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |

### 3.7. conf.DetectRegionConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **DetectRegion** *optional* | detection region configuration parameters, up to 4 detection regions by default **sample**: [ " conf.DetectRegion " ] | < [conf.DetectRegion](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_detectregion) > array |
| **Enable** *optional* | enabling switch of the detection region **sample**: true | boolean |

### 3.8. conf.DynamicInspection

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable **sample**: true | boolean |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Mode** *optional* | sensitivity, 0: low, 1: medium, 2: high **sample**: 0 | integer (int32) |
| **Region** *optional* | detection region **sample**: [ " conf.RegionInfo " ] | < [conf.RegionInfo](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_regioninfo) > array |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |

### 3.9. conf.FireAlarm

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable **sample**: true | boolean |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Mode** *optional* | mode, 0: :anti-interference, 1: high response **sample**: 0 | integer (int32) |
| **Region** *optional* | a collection of region cells, -1: not enable, region index (0,1,2,3): enable **sample**: [ 0 ] | < integer (int64) > array |
| **RegionInfo** *optional* | alarm detection region **sample**: [ " dsd.RegionInfo " ] | < [dsd.RegionInfo](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_regioninfo) > array |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |

### 3.10. conf.HeartBeat

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| AddressOptional | Receiving address of heartbeatSample : string | string |
| EnableOptional | EnableSample : true | boolean |

### 3.11. conf.ImageTarget

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AtmosphereTemp** *optional* | atmosphere temperature **sample**: 0.0 | number (float) |
| **Distance** *optional* | target distance **sample**: 0.0 | number (float) |
| **Emissivity** *optional* | emissivity **sample**: 0.0 | number (float) |
| **ReflectedTemp** *optional* | reflected temperature **sample**: 0.0 | number (float) |
| **Transmittance** *optional* | atmospheric transmissivity **sample**: 0.0 | number (float) |

### 3.12. conf.LineInfo

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Direction** *optional* | detection direction of tag line, two-way, one-way A-> B, one-way B-A **sample**: types.Direction | [types.Direction](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_direction) |
| **Enable** *optional* | enable detection line **sample**: true | boolean |
| **EventSubType** *optional* | type of tripwire event, 1: one-way, 2: two-way **sample**: 0 | integer (int32) |
| **ID** *optional* | detection line ID, start from 1 **sample**: 0 | integer (int32) |
| **Line** *optional* | start point and end point of detection line **sample**: types.Line | [types.Line](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_line) |
| **Name** *optional* | name of detection line **sample**: " string" | string |

### 3.13. conf.NetCard

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Card** *optional* | network card **sample**: [ " conf.NetCardInfo " ] | < [conf.NetCardInfo](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_netcardinfo) > array |
| **DefaultInterface** *optional* | default network card **sample**: " string" | string |

###

### 3.14. conf.NetCardInfo

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **DHCPEnable** *optional* | whether to enable DHCP **sample**: true | boolean |
| **DefaultDNS** *optional* | preferred DNS **sample**: " string" | string |
| **Gateway** *optional* | gateway address **sample**: "string" | string |
| **IPAddress** *optional* | IP address **sample**: "string" | string |
| **Name** *optional* | network card name **sample**: "string" | string |
| **PhysicalAddress** *optional* | physical address MAC, unchangeable **sample**: "string" | string |
| **StandbyDNS** *optional* | standby DNS **sample**: "string" | string |
| **SubnetMask** *optional* | subnet mask **sample**: "string" | string |

### 3.15. conf.NetworkAbnormal

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable **sample**: true | boolean |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |

### 3.16. conf.OneCar

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AiType***optional* | intelligent detection type:0:all, 1:man, 2:car**sample**:0 | integer (int32) |
| **Enable***optional* | enable intelligent detection**sample**:true | boolean |

### 3.17. conf.RTSPConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AuthenticationMode** *optional* | RTSP authentication mode, 0: None, 1: Basic, 2: Digest **sample**: 0 | integer (int64) |
| **Port** *optional* | RTSP port **sample**: 0 | integer (int64) |
| **TimeoutSec** *optional* | time-out period **sample**: 0 | integer (int64) |

###

### 3.18. conf.RegionInfo

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Ai***optional* | intelligent detection for man and car**Sample** : [conf.OneCar](#_conf_onecar) | [conf.OneCar](#_conf_onecar) |
| **Direction** *optional* | detection direction of the tag region, enter, exit, enter and exit **sample**: types.Direction | [types.Direction](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_direction) |
| **Enable** *optional* | enable region detection **sample**: true | boolean |
| **EventSubType** *optional* | direction of region event, 3: enter the region, 4: exit the region, 5: enter and exit **sample**: 0 | integer (int32) |
| **ID** *optional* | region ID, start from 1 **sample**: 0 | integer (int32) |
| **Name** *optional* | region name **sample**: "string" | string |
| **Region** *optional* | detection region, up to 8 points **sample**: types.Region | [types.Region](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_region) |

### 3.19. conf.SDAnomaly

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable **sample**: true | boolean |
| **Linkage** *optional* | linkage item **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |

### 3.20. conf.TargetFilter

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **MaxTargetSize** *optional* | maximum target size **sample**: types.Rect | [types.Rect](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_rect) |
| **MinTargetSize** *optional* | minimum target size **sample**: types.Rect | [types.Rect](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_rect) |

### 3.21. conf.TempAttribute

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable temperature measurement **sample**: true | boolean |
| **Fps** *optional* | frame rate of temperature measurement, range [0, acquisition frame rate], default: 12, maximum 12 frames supported **sample**: 0 | integer (int32) |
| **Level** *optional* | temperature measurement level, 0: high-gain, 1: low-gain, 2: auto switch **sample**: 0 | integer (int32) |
| **OsdMode** *optional* | temperature information OSD mode, 0: overlay before video coding, 1: code stream information overlay (overlay at the time of preview after coding), 2: no overlay **sample**: 0 | integer (int32) |
| **Unit** *optional* | temperature unit, 0: Celsius degree, 1: Fahrenheit degree, 2: Kelvin degree **sample**: 0 | integer (int32) |

###

### 3.22. conf.TempDifference

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **ID** *optional* | temperature difference analysis ID, start from 1 **sample**: 0 | integer (int32) |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Region** *optional* | region of temperature difference analysis **sample**: [ 0 ] | < integer (int32) > array |
| **TempRule** *optional* | temperature measurement rule **sample**: conf.TempRule | [conf.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temprule) |

### 3.23. conf.TempFrameConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |
| **TempRule** *optional* | alarm rule, index 0: high-temperature alarm, index 1: low-temperature alarm **sample**: [ " conf.TempRule " ] | < [conf.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temprule) > array |

### 3.24. conf.TempLineConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **ID** *optional* | temperature measurement line ID, start from 1 **sample**: 0 | integer (int32) |
| **Line** *optional* | temperature measurement line **sample**: types.Line | [types.Line](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_line) |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Name** *optional* | name of temperature measurement line **sample**: "string" | string |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |
| **Target** *optional* | image target parameters **sample**: dsd.ImageTarget | [dsd.ImageTarget](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_imagetarget) |
| **TempRule***optional* | temperature measurement rule **sample**: conf.TempRule | [conf.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temprule) |

### 3.25. conf.TempMaskConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample** : true | boolean |
| **ID** *optional* | temperature measurement mask region ID, start from 1 **sample**: 0 | integer (int32) |
| **Name** *optional* | name of temperature measurement mask region **sample**: "string" | string |
| **Region** *optional* | temperature measurement mask region **sample**: types.Region | [types.Region](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_region) |

### 3.26. conf.TempPointConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **ID** *optional* | temperature measurement point ID, start from 1 **sample**: 0 | integer (int32) |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Name** *optional* | name of detection point **sample**: "string" | string |
| **Point** *optional* | temperature measurement point **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |
| **Target** *optional* | image target parameters **sample**: dsd.ImageTarget | [dsd.ImageTarget](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_imagetarget) |
| **TempRule** *optional* | temperature measurement rule **sample**: conf.TempRule | [conf.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temprule) |

### 3.27. conf.TempRegionConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **ID** *optional* | temperature measurement region ID, start from 1 **sample**: 0 | integer (int32) |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Name** *optional* | name of temperature measurement region **sample**: "string" | string |
| **Region** *optional* | temperature measurement region **sample**: types.Region | [types.Region](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_region) |
| **Schedule** *optional* | deployment schedule **sample:** types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |
| **Target***optional* | image target parameters **sample**: dsd.ImageTarget | [dsd.ImageTarget](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_imagetarget) |
| **TempRule***optional* | temperature measurement rule **sample**: conf.TempRule | [conf.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_conf_temprule) |

### 3.28. conf.TempRule

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AlarmRule** *optional* | temperature measurement rule, 0: no rule, 1: average temperature more than, 2: average temperature less than, 3: high temperature more than, 4: high temperature less than, 5: low temperature more than, 6: low temperature less than **sample**: 0 | integer (int32) |
| **Debounce** *optional* | debounce time, default: 5s **sample**: 0 | integer (int32) |
| **ThresholdTemp** *optional* | temperature threshold **sample**: 0.0 | number (float) |
| **ToleranceTemp** *optional* | tolerance temperature **sample**: 0.0 | number (float) |

### 3.29. conf.TpcAlarm

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable **sample**: true | boolean |
| **Engry** *optional* | energy value, [0-100] **sample**: 0 | integer (int32) |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |
| **Mode** *optional* | sensitivity, [0-100] **sample**: 0 | integer (int32) |
| **Schedule** *optional* | deployment schedule **sample**: types.WeekSchedule | [types.WeekSchedule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_weekschedule) |

### 3.30. conf.UnauthorizedAccess

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable **sample**: true | boolean |
| **Linkage** *optional* | linkage action **sample**: types.Linkage | [types.Linkage](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkage) |

### 3.31. conf.VisibleTempConfig

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable***optional* | enabling switch **sample**: true | boolean |

###

### 3.32. define.LineRule

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color** optional | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **Direction** *optional* | detection direction of the tag line **sample**: types.Direction | [types.Direction](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_direction) |
| **ID** *optional* | detection line ID, start from 1 **sample**: 0 | integer (int32) |
| **Line** *optional* | start point and end point of detection line **sample**: types.Line | [types.Line](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_line) |
| **Name** *optional* | name of detection line **sample**: " string" | string |

### 3.33. define.RegionRule

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color** *optional* | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **Direction** *optional* | detection direction of the tag region **sample**: types.Direction | [types.Direction](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_direction) |
| **ID** *optional* | region ID, start from 1 **sample**: 0 | integer (int32) |
| **Name** *optional* | region name **sample**: "string" | string |
| **Region** *optional* | detection region, up to 8 points **sample**: types.Region | [types.Region](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_region) |

### 3.34. define.SimEvent

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color** *optional* | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **ID** *optional* | target ID **sample**: 0 | integer (int32) |
| **Rect***optional* | target rectangular frame **sample**: types.Rect | [types.Rect](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_rect) |

### 3.35. define.SimEventNotify

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Events** *optional* | alarm event information **sample**: [ " define.SimEvent " ] | < [define.SimEvent](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_simevent) > array |
| **Region** *optional* | detection region information **sample**: define.SimRegion | [define.SimRegion](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_simregion) |

### 3.36. define.SimRegion

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color** *optional* | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **ID** *optional* | region ID, start from 1 **sample**: 0 | integer (int32) |
| **Name** *optional* | region name **sample**: "string" | string |
| **Region** *optional* | detection region **sample**: types.Rect | [types.Rect](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_rect) |

### 3.37. define.TempData

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **MaxTempPoint***optional* | coordinates of the maximum temperature, 8192 coordinate system **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **MinTempPoint***optional* | coordinates of the minimum temperature, 8192 coordinate system **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **TempAvg***optional* | average temperature **sample**: 0.0 | number (float) |
| **TempCenter***optional* | center temperature **sample**: 0.0 | number (float) |
| **TempMax***optional* | maximum temperature **sample**: 0.0 | number (float) |
| **TempMin***optional* | minimum temperature **sample**: 0.0 | number (float) |
| **TempRangeMax** *optional* | temperature range: maximum temperature, used for the whole-frame temperature measurement **sample**: 0.0 | number (float) |
| **TempRangeMin** *optional* | temperature range: minimum temperature, used for the whole-frame temperature measurement **sample**: 0.0 | number (float) |
| **TempUnit***optional* | temperature unit, 0: Celsius degree, 1: Fahrenheit degree, 2: Kelvin degree **sample**: 0 | integer (int32) |

### 3.38. define.TempDiff

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color***optional* | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **ID** *optional* | temperature difference analysis ID, start from 1 **sample**: 0 | integer (int32) |
| **Region** *optional* | temperature difference analysis region **sample**: [ " define.TempRegion " ] | < [define.TempRegion](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempregion) > array |
| **Rule** *optional* | temperature measurement alarm rule **sample**: define.TempRule | [define.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_temprule) |

### 3.39. define.TempFrame

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **ID** *optional* | 1: high-temperature alarm, 2: low=temperature alarm **sample**: 0 | integer (int32) |
| **Rule** *optional* | temperature measurement alarm rule **sample**: define.TempRule | [define.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_temprule) |
| **Temp***optional* | description of temperature information **sample**: define.TempData | [define.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempdata) |

### 3.40. define.TempLine

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color***optional* | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **ID** *optional* | temperature measurement line ID, start from 1 **sample**: 0 | integer (int32) |
| **Line** *optional* | start point and end point of temperature measurement line **sample**: types.Line | [types.Line](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_line) |
| **Name** *optional* | name of temperature measurement line **sample**: "string" | string |
| **Rule***optional* | temperature measurement alarm rule **sample**: define.TempRule | [define.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_temprule) |
| **Temp***optional* | description of temperature information **sample**: define.TempData | [define.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempdata) |

### 3.41. define.TempPoint

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color***optional* | point overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **ID** *optional* | temperature measurement point ID, start from 1 **sample**: 0 | integer (int32) |
| **Name** *optional* | name of detection point **sample**: "string" | string |
| **Point***optional* | temperature measurement point **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **Rule***optional* | temperature measurement alarm rule **sample**: define.TempRule | [define.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_temprule) |
| **Temp***optional* | description of temperature information **sample**: define.TempData | [define.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempdata) |

### 3.42. define.TempRegion

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Color** *optional* | line frame overlay color [R(0-255),G(0-255),B(0-255)] **sample**: types.Color | [types.Color](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_color) |
| **ID** *optional* | temperature measurement region ID, start from 1 **sample**: 0 | integer (int32) |
| **Name** *optional* | name of temperature measurement region **sample**: "string" | string |
| **Region** *optional* | temperature measurement region **sample**: types.Region | [types.Region](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_region) |
| **Rule***optional* | temperature measurement alarm rule **sample**: define.TempRule | [define.TempRule](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_temprule) |
| **Temp***optional* | description of temperature information **sample**: define.TempData | [define.TempData](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_define_tempdata) |

### 3.43. define.TempRule

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AlarmRule** *optional* | temperature measurement rule, 0: no rule, 1: average temperature more than, 2: average temperature less than, 3: high temperature more than, 4: high temperature less than, 5: low temperature more than, 6: low temperature less than **sample**: 0 | integer (int32) |
| **ThresholdTemp***optional* | temperature threshold **sample**: 0.0 | number (float) |

### 3.44. dsd.AllTempData

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Frame***optional* | **sample**: [ "[dsd.TempData](#_dsd_tempdata)" ] | < [dsd.TempData](#_dsd_tempdata) > array |
| **Line***optional* | **sample**: [ "[dsd.TempData](#_dsd_tempdata)" ] | < [dsd.TempData](#_dsd_tempdata) > array |
| **Point***optional* | **sample**: [ "[dsd.TempData](#_dsd_tempdata)" ] | < [dsd.TempData](#_dsd_tempdata) > array |
| **Region***optional* | **sample**: [ "[dsd.TempData](#_dsd_tempdata)" ] | < [dsd.TempData](#_dsd_tempdata) > array |

### 3.45. dsd.AuthorityList

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Camera***optional* | camera settings **sample**: dsd.Camera | [dsd.Camera](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_camera) |
| **Exception***optional* | exception management **sample**: true | boolean |
| **FireWarning** *optional* | fire warning **sample**: true | boolean |
| **Intelli** *optional* | intelligent analysis **sample**: true | boolean |
| **Netapp** *optional* | network settings **sample**: true | boolean |
| **PTZ** *optional* | PTZ settings **sample**: true | boolean |
| **Peripheral** *optional* | peripheral management **sample**: true | boolean |
| **Playback** *optional* | playback management **sample**: [ true ] | < boolean > array |
| **RealMonitor** *optional* | real-time monitoring **sample**: [ true ] | < boolean > array |
| **Storage***optional* | storage management **sample**: true | boolean |
| **System** *optional* | system management **sample**: dsd.System | [dsd.System](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_system) |
| **Thermal** *optional* | thermal imaging (thermographic analysis) **sample**: true | boolean |

### 3.46. dsd.Camera

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Audio** *optional* | audio parameters **sample**: true | boolean |
| **Video***optional* | video parameters **sample**: true | boolean |
| **VideoIn** *optional* | camera parameters **sample**: true | boolean |

### 3.47. dsd.EventMessage

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Channel** *optional* | Video channel that generates the event **sample**: 0 | integer (int32) |
| **EventAction** *optional* | event action **sample**: event.EventAction | [event.EventAction](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_event_eventaction) |
| **EventInfo** *optional* | event details **sample**: common.JString | [common.JString](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_common_jstring) |
| **EventName** *optional* | event name **sample**: "string" | string |
| **EventTime** *optional* | event time **sample**: "string" | string |

### 3.48. dsd.FireCaps

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Col** *optional* | **sample:** 0 | integer (int64) |
| **Row** *optional* | **sample:** 0 | integer (int64) |

###

### 3.49. dsd.ImageTarget

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AtmosphereTemp** *optional* | atmosphere temperature **sample**: 0.0 | number (float) |
| **Distance** *optional* | target distance **sample**: 0.0 | number (float) |
| **Emissivity** *optional* | emissivity **sample**: 0.0 | number (float) |
| **Enable** *optional* | enable **sample**: true | boolean |
| **ReflectedTemp** *optional* | reflected temperature **sample**: 0.0 | number (float) |
| **Transmittance** *optional* | atmospheric transmissivity **sample**: 0.0 | number (float) |

### 3.50. dsd.PictureFileDbt

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Channel***optional* | channel of snapshot**sample:** 0 | integer (int32) |
| **Id***optional* | ID number**sample:** 0 | integer (int32) |
| **MountPoint***optional* | mount point of picture file**sample:** string | string |
| **Path***optional* | path of image file**sample:** string | string |
| **SnapType***optional* | Snap type, 0:normal, 1:alarm, 2: mannual,3: query all **sample:** 0 | integer (int32) |

### 3.51. dsd.PictureFileQueryResult

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Num***optional* | Number of returned results **sample:** 0 | integer (int64) |
| **PictureFile***optional* | Picture file information**sample** : [ "[dsd.PictureFileDbt](#_dsd_picturefiledbt)" ] | < [dsd.PictureFileDbt](#_dsd_picturefiledbt) > array |
| **Total***optional* | Total numbers of query results**sample:** 0 | integer (int64) |

### 3.52. dsd.RegionInfo

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enable region **sample**: true | boolean |
| **Name** *optional* | region name **sample**: "string" | string |
| **Threshold** *optional* | threshold **sample**: 0 | integer (int32) |

### 3.53. dsd.SDStatus

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **DevName** *optional* | device name **sample**: "string" | string |
| **DevNo***optional* | device number **sample**: 0 | integer (int32) |
| **RemainCap** *optional* | remaining capacity, unit: MB **sample**: 0 | integer (int64) |
| **Status***optional* | 0: normal, 1: abnormal **sample**: 0 | integer (int32) |
| **TotalCap***optional* | total capacity, unit: MB **sample**: 0 | integer (int64) |

###

### 3.54. dsd.System

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Local** *optional* | local settings**sample:** true | boolean |
| **Log** *optional* | log query **sample**: true | boolean |
| **Magic** *optional* | restore default /factory settings **sample**: true | boolean |
| **Maintain***optional* | automatic maintenance **sample**: true | boolean |
| **Product** *optional* | version control**sample**: true | boolean |
| **Security** *optional* | security management **sample**: true | boolean |
| **Upgrade** *optional* | firmware upgrade **sample**: true | boolean |

### 3.55. dsd.TempData

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | true: This set of data is available; false: Other data is wrong, or has no effective temperature measurement point, or is not enabled. **sample**: true | boolean |
| **ID** *optional* | temperature measurement rule ID, start from 1 **sample**: 0 | integer (int32) |
| **MaxTempPoint** *optional* | coordinates of the maximum temperature, 8192 coordinate system sample: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **MinTempPoint** *optional* | coordinates of the minimum temperature, 8192 coordinate system **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **TempAvg***optional* | average temperature **sample**: 0.0 | number (float) |
| **TempCenter** *optional* | center temperature **sample**: 0.0 | number (float) |
| **TempMax** *optional* | maximum temperature **sample**: 0.0 | number (float) |
| **TempMin** *optional* | minimum temperature **sample**: 0.0 | number (float) |
| **TempRangeMax** *optional* | temperature range: maximum temperature, used for the whole-frame temperature measurement **sample**: 0.0 | number (float) |
| **TempRangeMin** *optional* | temperature range: minimum temperature, used for the whole-frame temperature measurement **sample**: 0.0 | number (float) |

###

### 3.56. dsd.VideoFileDbt

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Channel***optional* | channel of video**sample:** 0 | integer (int32) |
| **EndTime***optional* | end time of video, Unix seconds**sample:** 0 | integer (int64) |
| **Id***optional* | ID number**sample:** 0 | integer (int32) |
| **Length***optional* | length of video **sample:** 0 | integer (int64) |
| **Lock***optional* | lock mark of video**sample:** true | boolean |
| **MountPoint***optional* | mount point of video file**sample**: "string" | string |
| **Path***optional* | path of video file **sample**: "string" | string |
| **RecordType***optional* | Video type, 0:all, 1: alarm,1:normal **sample:** 0 | integer (int32) |
| **StartTime***optional* | start time of video, Unix seconds **sample:** 0 | integer (int64) |
| **StreamType***optional* | Stream type:0: main stream,1: sub stream**sample:** 0 | integer (int32) |

### 3.57. dsd.VideoFileQueryResult

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Num***optional* | Number of returned results **sample:** 0 | integer (int64) |
| **Total***optional* | Total number of query results **sample:** 0 | integer (int64) |
| **VideoFile***optional* | Video file information**Sample:**[ "[dsd.VideoFileDbt](#_dsd_videofiledbt)" ] | < [dsd.VideoFileDbt](#_dsd_videofiledbt) > array |

### 3.58. event.EventAction

Type: integer (int32)

### 3.59. model.ActiveUser

Type: object

### 3.60. model.Group

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Authority** *optional* | authority list **sample:** dsd.AuthorityList | [dsd.AuthorityList](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_dsd_authoritylist) |
| **Description** *optional* | user group description **sample**: "string" | string |
| **ID** *optional* | user group ID **sample**: 0 | integer (int32) |
| **Name** *optional* | user group name **sample**: "string" | string |

###

### 3.61. model.KeepAlive

Type: object

### 3.62. model.User

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Description** *optional* | user description **sample**: "string" | string |
| **GroupName** *optional* | user group name **sample**: "string" | string |
| **ID** *optional* | user ID **sample**: 0 | integer (int32) |
| **ModifiedTime** *optional* | creation time **sample**: "string" | string |
| **UserName** *optional* | user name **sample**: "string" | string |

### 3.63. types.Color

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **RGBA** *optional* | color type [R(0-255),G(0-255),B(0-255),A(0-100,Alpha transparency)] **sample**: [ 0 ] | < integer (int32) > array |

###

### 3.64. types.Direction

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **PointA***optional* | start point A of a direction. Two same points indicate that it is two-way **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **PointB***optional* | end point A of a direction. Two same points indicate that it is two-way **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **PointTo***optional* | arrow pointing direction, 0: two-way, 1: A->B, 2: B->A **sample**: 0 | integer (int32) |

### 3.65. types.KV

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Key** *optional* | key, for internal use **sample**: 0 | integer (int32) |
| **Value** *optional* | value, for display **sample**: "string" | string |

### 3.66. types.Line

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Point1***optional* | start point of a line **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |
| **Point2** *optional* | end point of a line **sample**: types.Point | [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) |

### 3.67. types.LinkChannel

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Channel** *optional* | linkage channel **sample**: [ 0 ] | < integer (int32) > array |
| **Delay** *optional* | linkage delay **sample**: 0 | integer (int32) |
| **Enable** *optional* | enabling switch **sample**: true | boolean |

### 3.68. types.LinkLight

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **Frequency** *optional* | frequency, 0: high, 1: medium, 2: low **sample**: 0 | integer (int32) |
| **Mode** *optional* | mode, 0: flashing, 1: normally on **sample**: 0 | integer (int32) |
| **StayTime***optional* | stay time **sample**: 0 | integer (int32) |

### 3.69. types.LinkVoice

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Enable** *optional* | enabling switch **sample**: true | boolean |
| **FilePath** *optional* | voice prompt file path **sample**: " string" | string |
| **Times** *optional* | times of play **sample**: 0 | integer (int32) |

### 3.70. types.Linkage

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **AlarmOut***optional* | linkage I/O channel **sample**: types.LinkChannel | [types.LinkChannel](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkchannel) |
| **Buzzer***optional* | linked buzzer **sample**: true | boolean |
| **FTP** *optional* | linkage upload FTP **sample**: true | boolean |
| **Flash** *optional* | linked white light flashing **sample**: types.LinkLight | [types.LinkLight](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linklight) |
| **PTZ** *optional* | linked PTZ operation **sample**: true | boolean |
| **Record** *optional* | linkage video channel **sample:** types.LinkChannel | [types.LinkChannel](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkchannel) |
| **SMTP***optional* | linkage sending mail **sample**: true | boolean |
| **Snap***optional* | linkage snap channel **sample**: types.LinkChannel | [types.LinkChannel](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkchannel) |
| **VoicePrompt** *optional* | linkage voice prompt **sample**: types.LinkVoice | [types.LinkVoice](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_linkvoice) |

### 3.71. types.Point

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **X** *optional* | X coordinates of a point **sample**: 0 | integer (int32) |
| **Y** *optional* | Y coordinates of a point **sample**: 0 | integer (int32) |

### 3.72. types.Rect

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Bottom** *optional* | Y coordinates in the bottom right corner of the rectangular region **sample**: 0 | integer (int32) |
| **Left** *optional* | X coordinates in the upper left corner of the rectangular region **sample**: 0 | integer (int32) |
| **Right** *optional* | X coordinates in the bottom right corner of the rectangular region **sample**: 0 | integer (int32) |
| **Top** *optional* | Y coordinates in the upper left corner of the rectangular region **sample**: 0 | integer (int32) |

### 3.73. types.Region

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Points** *optional* | vertex coordinates of the polygonal region **sample**: [ " types.Point " ] | < [types.Point](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_point) > array |

### 3.74. types.TimeSection

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **Section** *optional* | time slice of each day. Up to 6 time slices are defined per day. **sample**: [ " types.TimeSlice " ] | < [types.TimeSlice](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_timeslice) > array |

### 3.75. types.TimeSlice

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **TimeSec** *optional* | time in seconds corresponding to each time slice, for internal use, for time comparison **sample**: [ 0 ] | < integer (int32) > array |
| **TimeStr** *optional* | time slice, 0: start time, 1: end time, time format: 2006-01-02 15:04:05 **sample**: [ "string" ] | < string > array |

### 3.76. types.WeekSchedule

| **Name** | **Description** | **Type** |
| --- | --- | --- |
| **WeekDay** *optional* | week schedule **sample**: [ " types.TimeSection " ] | < [types.TimeSection](file:///D%3A/1.%E5%B7%A5%E4%BD%9C/1.%E5%B7%A5%E4%BD%9C%E7%9B%B8%E5%85%B3/2.%E4%BA%A7%E5%93%81%E7%9B%B8%E5%85%B3/1.%20%E9%A1%B9%E7%9B%AE%E7%9B%B8%E5%85%B3/20.FB225%E7%AD%92%E6%9C%BA/6.API%E6%96%87%E6%A1%A3/2.%E7%BB%99%E5%AE%A2%E6%88%B7/IRS-FB225-T%20%E5%8F%8C%E5%85%89%E8%B0%B1%E7%AD%92%E5%9E%8B%E7%BD%91%E7%BB%9C%E6%91%84%E5%83%8F%E6%9C%BAAPI%E6%8E%A5%E5%8F%A3%E6%96%87%E6%A1%A3_V2.0.html%22%20%5Cl%20%22_types_timesection) > array |

## 4. Appendix A

### 4.1. API Invoking Directions

1. Invoke http://192.168.1.123/v1/token/?username=admin&password=admin for interface login and authentication
2. Take Token from the returned value of the login and authentication interface, and fill in X-Token in the http Request Headers for subsequent interface invoking
3. Keep the login status, and invoke http://192.168.1.123/v1/token/ to update Token every 30s
4. Invoke the API function interface, and parse the returned value

A complete URL path of API is as follows:

http://192.168.1.123/v1/network/?default=false

http://192.168.1.106/v1/encode/videoFormat?chn=0&default=false

### 4.2. Descriptions of API Returned Value

The returned information of interface invoking adopts a unified standard structure. The returned json data package contains five fields, including "Code", "Message", "Translate", "Detail", and "Data". The actual data is uniformly encapsulated in the "Data" field. For details, please refer to the corresponding interface return type above.

| **Parameters** | **Description** |
| --- | --- |
| Code | return code |
| Message | description of return code |
| Translate | prompt translation of return code |
| Detail | detailed error message |
| Data | data returned |

### 4.3. Sample of API Return Format

#### 4.3.1. Succeeded

 {

 "Code": 200,

 "Message": "msg: success",

"Translate": "success",

 "Detail": "",

 "Data": null

 }

#### 4.3.2. Failed

 {

 "Code": 400000,

 "Message": "msg: operation failed",

"Translate": "operation failed"

 "Detail": "",

 "Data": null

 }

### 4.4. State Code

| **State code** | **Description** | **Translate** |
| --- | --- | --- |
| 0 |  | error in the interface itself, state code not set |
| 200 | msg: success | operation successful |
| 400 | msg: bad request | parameter error |
| 403 | msg: forbidden | no access permission |
| 200000 | msg: success, need to reboot device | operation successful, need to reboot the device immediately |
| 200001 | msg: success, will auto reboot device | operation successful, and the device will reboot automatically |
| 400000 | msg: operation failed | operation failed |
| 400001 | msg: system exception | system exception |
| 400002 | msg: upload file failed | failed to upload file |
| 400003 | msg: download file failed | failed to download file |
| 400004 | msg: need redirect https | redirect to https |
| 400101 | msg: no device found | no device found |
| 400102 | msg: connect faild | device connection failed |
| 400103 | msg: no more devices | no more devices available |
| 400104 | msg: Channel already has camera, add failed | channel already has camera, failed to add |
| 400200 | msg: no authority | no authority file |
| 400201 | msg: invalid authority | invalid authority file |
| 400202 | msg: get chip id failed | failed to get chip ID |
| 400203 | msg: Invalid file path | invalid file path |
| 400204 | msg: file is incomplete | file is incomplete |
| 400300 | msg: get config faild | get config. failed |
| 400301 | msg: set config faild | set config. failed |
| 400302 | msg: get default config faild | failed to get default configuration |
| 400303 | msg: test config failed | test configuration failed |
| 400401 | msg: get capability faild | failed to get capability |
| 400402 | msg: no capability | the device has no such capability |
| 400403 | msg: over capability | the device is over the maximum capacity limit |
| 400501 | msg: data search failed | data search failed |
| 400502 | msg: data insert failed | data insert failed |
| 400503 | msg: data update failed | data update failed |
| 400504 | msg: data delete failed | data deleting failed |
| 400505 | msg: data already exists | data already exists, cannot be added repeatedly |
| 400601 | msg: unrecognized picture | unrecognized picture |
| 400602 | msg: failed to recognize picture | failed to recognize picture |
| 400603 | msg: no object recognize | no object recognized |
| 400604 | msg: no similar object | no similar object |
| 400701 | msg: the token is invalid | invalid Token |
| 400702 | msg: user password error | user password error |
| 400703 | msg: The number of user logins exceeded the limit | the number of user logins exceeded the limit |
| 400704 | msg: the user does not exist | the user does not exist |
| 400705 | msg: the user group does not exist | the user group does not exist |
| 400724 | msg: current account restriction to blacklist | the current account is restricted to the blacklist |
| 400725 | msg: the current account is locked | the current account is locked |
| 400801 | msg: the current account is locked | the current account is locked |
| 400802 | msg: the current account is locked | the current account is locked |
| 400803 | msg: the current account is locked | the current account is locked |
| 400804 | msg: the current account is locked | the current account is locked |

## 5. Appendix B

### 5.1. Other Instructions

Last updated 2021-12-24 11:14:19 +0800