

Akuvox

Smart Intercom Catalogue



Award Winning Design

The Fusion of Aesthetics
and Technology



reddot winner 2023



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Akuvox

The Company

The Global Leading Provider of Smart Intercom

Akuvox is a global leading innovator of smart intercom and access control products and solutions. We are committed to unleashing the power of technologies to improve people's lives with better communication, greater security, and more convenience.

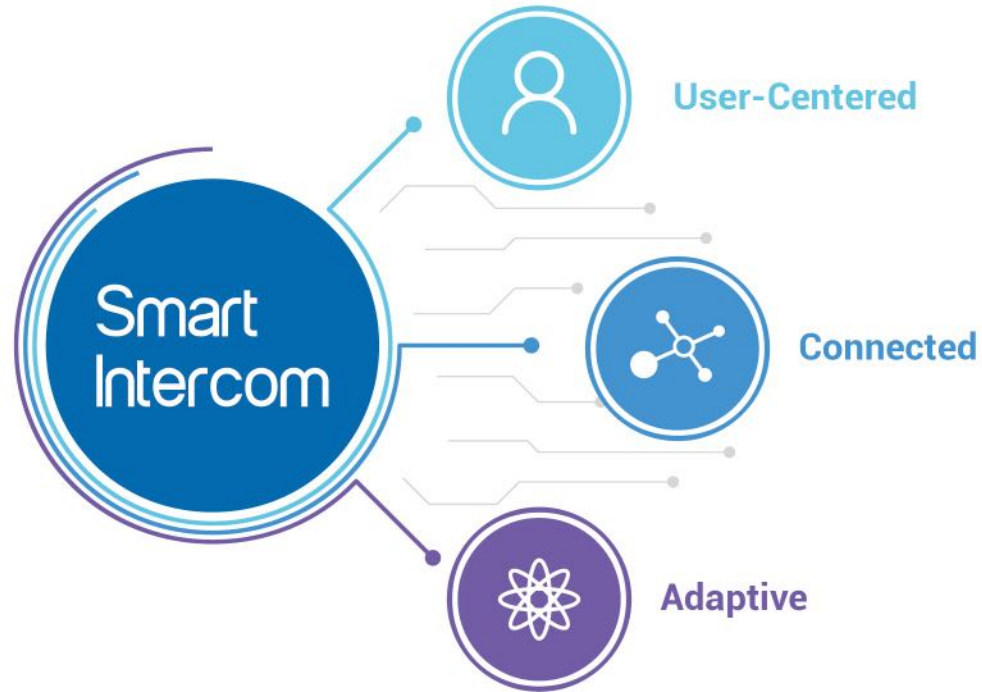
Our products and solutions have been deployed and used daily in more than 110 countries and regions meeting customer needs in various vertical markets that range from residential to commercial, from healthcare to public safety.



110+
countries & regions

Pioneer of Smart Intercom

Encompassing Artificial Intelligence, Cloud, Android, SIP, Security, and other advanced technologies, Akuvox continuously drives breakthrough changes in the industry and creatively delivers an unrivaled portfolio of smart intercom products and solutions, allowing more people to take advantage of smart living easily.



Smart Intercom Technologies

Smart Intercom Technologies-AI

Leading AI Technologies



Facial recognition door entry

Your face is your identity. The underlying anti-spoofing liveness detection algorithm makes it hard to be fooled by photos or videos.



Offline voice control

Use your voice to control intercom devices. The voice data are processed directly on the device, faster and securer compared with an online method.



Fall detection

Exploring the synergy of image recognition technique and deep neural networks, Akuvox empowers intercoms to increase in-home safety for older individuals.

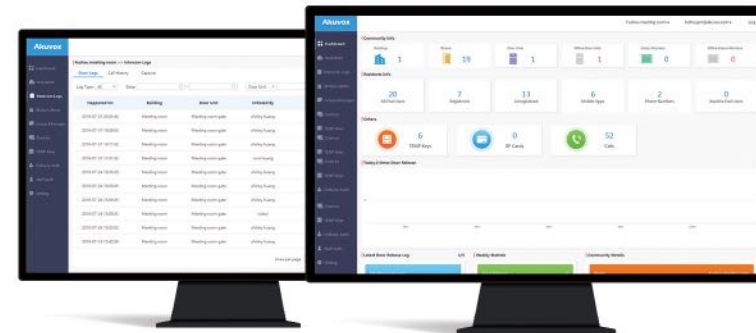
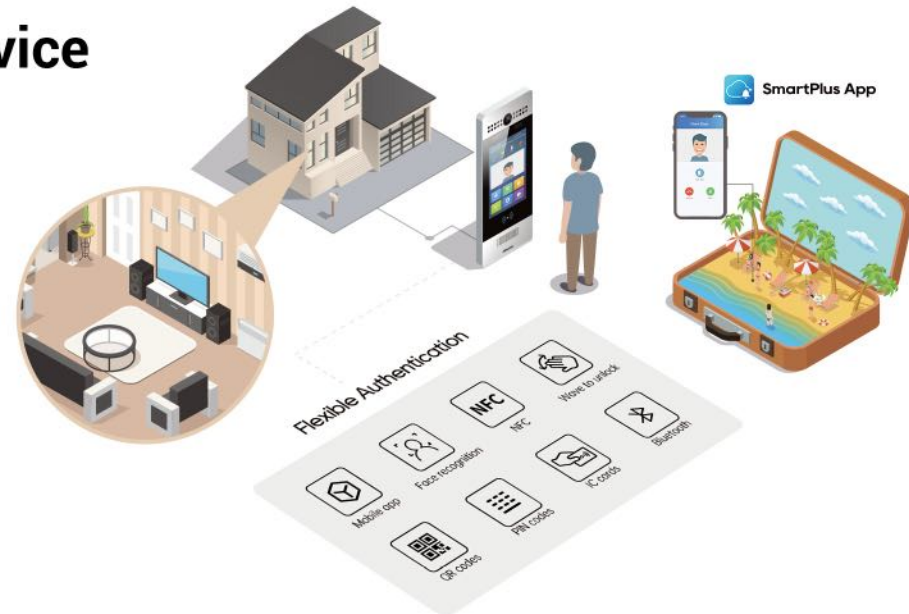


Smart Intercom Technologies-Cloud

Smart Cloud-based Intercom Service

Akuvox SmartPlus, a smart cloud-based intercom service, allows Akuvox's intercom and access control devices to link, communicate, and interact intelligently with one another without any geographical restrictions, making buildings smarter and securer.

- **Mobility** : intercom and building access anywhere, anytime
- **Flexibility** : remote provisioning and maintenance for any scale of systems
- **Stability** : 24/7 self-monitoring with >1 million monitoring tests per month at a 99.99% success rate
- **Security** : triple data backup mechanism ensuring 99.999% data reliability



Smart Intercom Technologies-SIP

Better Communication

Akuvox's intercoms are based on SIP, a universal IP communication protocol, allowing you to build an extensive communication system. Compared with a non-SIP system, SIP-based intercoms are easy to learn, use and maintain and are easy to integrate into a phone system.



Premium audio and video quality



Communication between any SIP-supporting systems



Work with mobile phones and landlines



Smart Intercom Technologies-Security

Greater Security

Akuvox's smart intercoms can be flexibly connected with various alarm systems such as smoke detectors for greater home security.











































Akuvox dedicates itself to improving the robustness of its products against damage caused by external factors. Akuvox's intercoms are certified with IK and IP ratings, which can be as high as IK10 Rating, and feature the tamper-resistant mechanism.

We are also committed to protecting your intangible property through advanced network security measures, such as AES256, HTTPS, Anti-DDoS, and GDPR compliance.



Work with Global Technology Partners

Together with our valued and trusted partners, Akuvox creates smart intercom and access control solutions that meet people's ever-increasing security and convenience needs.

<p> Home Automation</p> <p>          </p>	<p> Telephony</p> <p>      </p>	<p> Video Management System</p> <p>   </p>	<p> Camera</p> <p>   </p>
		<p> Access Control</p> <p>    </p>	<p> Smart Lock</p> <p></p> <p> Property Management System</p> <p></p> <p> Alarm System</p> <p></p>

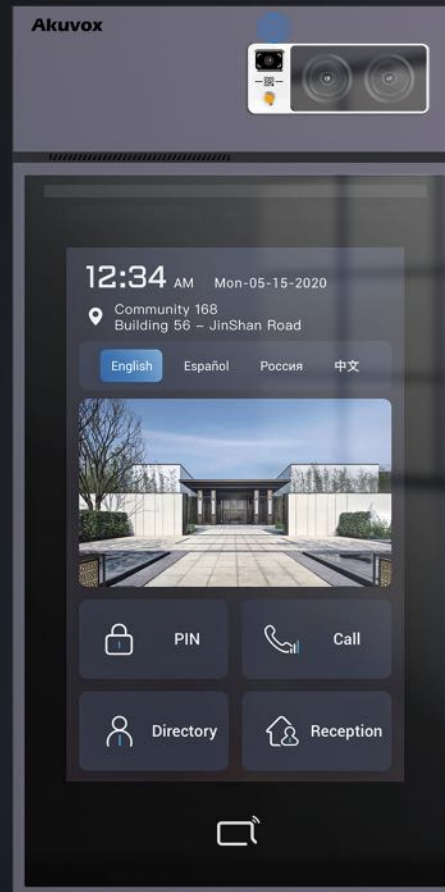
Smart Intercom Products

The background features a low-angle, upward-looking perspective of several modern skyscrapers. The buildings are rendered in a semi-transparent blue wireframe style, showing the grid of windows and structural elements. The overall color palette is a monochromatic blue, with the text in white for high contrast.

S539

10" Android Door Phone

Multi-functional Camera Module
for Seamless Door Entry



Akuvox S539

10" Android Door Phone

- 10" fully-color touch display provides ultra-wide viewing angles
- IP66 & IK08
- 120° wide-angle 5MP starlight and HDR camera
- A dedicated QR camera for QR code scanning
- Customizable motion detection zone
- Face verification accuracy >99%, face comparison speed <0.2s per person, false recognition rate<0.1%
- Multiple verification methods including: facial recognition, NFC, 13.56MHz and 125kHz access cards, Bluetooth, and QR code
- Support ingenious and ergonomic screw-driving method for installation





S532

Retrofitting-Friendly
Smart Video Door Phone

Akuvox S532

SIP Video Door Phone with A Seamless Fusion of Analog and IP Technologies

- Vandal-resistant body, with numeric keypad
- IP66 / IK08
- 2MP camera with wide angles of 130°(H), 90°(V)
- Smart motion detection with precision alerting
- Support multiple access control methods: PIN, NFC,13.56MHz/125kHz access cards, and BLE
- Built-in induction loop module (Optional)
- Ability to work with analog intercom systems
- Working Temperature: -40°C ~ +60°C
- Flush-mounted & surface-mounted





X9'15

High-end Smart Door Phone
for Luxury Buildings



German Industrial
Design



IK10 Vandal
Resistance Rating



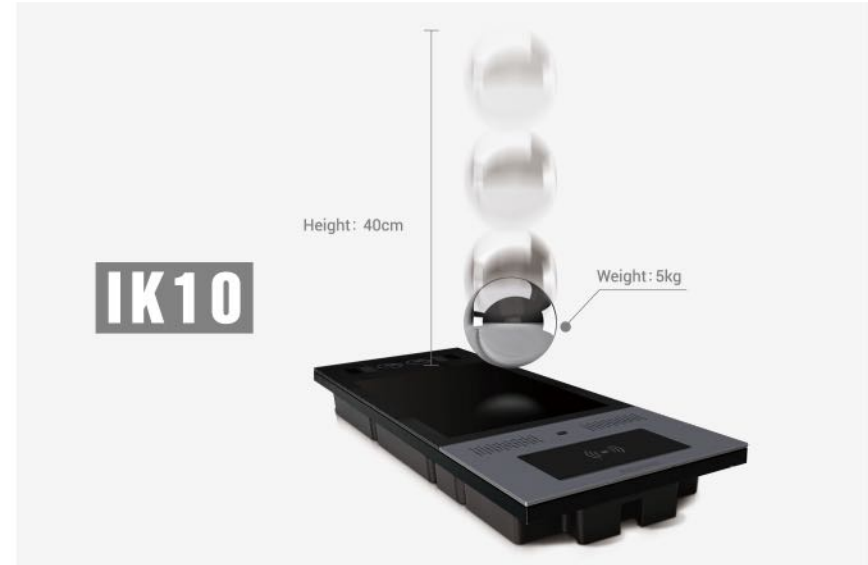
AI-powered
Facial Recognition



Akuvox X915S

Facial Recognition Android Door Phone

- 8" full-color touch display provides ultra-wide viewing angles
- Visible light facial recognition
- Anti-spoofing algorithm against photos and videos
- 5MP primary camera features a built-in HDR mode to tackle a variety of high-contrast scenes
- Fully compliant with the IK10 & IP66
- Support multiple verification methods, including the face, card, PIN, Bluetooth, and QR code
- Built-in HID® Proximity or iClass® module (Optional)
- Ability to integrate with an induction loop antenna for users with hearing aids
- Multiple theme options available to personalize and suit a range of locations
- Cold-resistant (-40°C ~+60°C)





X912

Vandal-resistant Door Phone
for High-end Buildings

Akuvox X912S

Vandal-resistant Door Phone for High-end Buildings

- 4" full-color touchscreen & keypad
- Slim design for limited installation space
- Vandal-resistant body, fully compliant with the IK10 rating
- Two-way audio communication over IP networks with echo cancellation feature
- Multi-way access feature including face, cards, PIN, BLE & QR codes
- Flush-mounted & surface-mounted
- Comply with SIP & ONVIF



IP65 IK10



Akuvox X912K

Vandal-resistant Dor Phone for High-end Buildings




- 4" full-color touchscreen & physical keypad
- Slim design for limited installation space
- Vandal-resistant body, fully compliant with the IK08 rating
- Two-way audio communication over IP networks with echo cancellation feature
- Multi-way access feature including face, cards, PIN, BLE & QR codes
- Flush-mounted & surface-mounted
- Comply with SIP & ONVIF





R29

World's First Facial Recognition Android Door Phone

-  Anti-spoofing facial recognition
-  Touchless building entry
-  Easy-to-navigate UI

Akuvox R29C

Facial Recognition Android Door Phone

- 7" capacitive touch screen supporting glove mode
- Aluminum panel
- Dual-camera: one 120° wide-angle 3MP camera with IR and an auxiliary 1MP camera
- Support multiple access control methods: facial recognition, NFC, 13.56MHz and 125kHz access cards, Bluetooth, and QR code
- Cold-resistant version (-40 °C to 55 °C) available
- Support plasterboard installation
- Black color version available





R25A

Pocket-Size Smart Door Phone Blending
Security, Style, and Functionality



Akuvox R25A

Single-Button SIP Video Door Phone

- Tarnish exterior color with aluminum milling technology
- 4M pixel camera featuring 2K x 2K resolution and WDR
- 150°(H) / 150°(V) expanded view angle for superior visibility
- Support NFC, 13.56MHz and 125kHz access cards
- Two-way audio communication over IP networks with echo cancel feature
- Comply with SIP and ONVIF
- Flush-mounted or surface-mounted
- Working temperature: -40°C~+55°C



• **AK-13** •



E13S

Feature-rich
& Stylish Entry-Level
Door Phone

Akuvox E13

Single Button Door Phone

- 2M pixel and 1080P resolution, with WDR feature
- 114°(H)/ 58°(V) expanded view angle for visibility
- Support NFC and 13.56MHz access cards
- Two-way audio communication over IP networks with echo cancel feature
- Comply with SIP & ONVIF
- Flush-mounted & surface-mounted
- IP65 rating for outdoor environment
- Working Temperature: -40°C~+60°C



Crystal Clear Communication



Seamless Installation





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GOOD DESIGN
AWARD 2022



E12

Smart Video Door Phone

Compact, Stylish and Versatile,
Perfect for Every Front Door



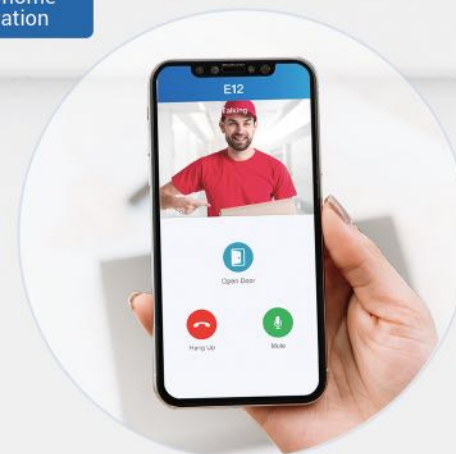
Space-efficient



IP65 rating



Smart home
integration



Akuvox E12

Compact SIP Video Door Phone

- Real-time 2-way talk
- Live camera viewing
- IC card reader & Bluetooth embedded
- Cloud or local based storage
- Rated for outdoor use
- Mobile app compatible
- Integrated with any SIP device





Akuvox X916S

World's First Android Door Phone with Starlight Camera

- 13" capacitive touch screen
- 316-grade stainless steel panel
- Dual-camera
- Dual-microphone for noise reduction
- Support multiple access control methods: facial recognition, NFC, 13.56MHz and 125kHz access cards, Bluetooth, and QR code



Akuvox R29C-B

Facial Recognition Android Door Phone with Temperature Detection

- 7" capacitive touch screen supporting glove mode
- Aluminum panel
- Dual-camera: one 120° wide-angle 3MP camera with IR and an auxiliary 1MP camera
- Support multiple access control methods: facial recognition, NFC, 13.56MHz and 125kHz access cards
- Body temperature measurement of people entering buildings
- For indoor use only



Akuvox R29C-L

Facial Recognition Android Door Phone with 4G Technology

- 7" capacitive touch screen supporting glove mode
- Aluminum panel
- Dual-camera: one 120° wide-angle 3MP camera with IR and an auxiliary 1MP camera
- Support multiple access control methods: facial recognition, NFC, 13.56MHz and 125kHz access cards
- LTE wireless communication requires the minimum efforts for device installation
- On-wall mounting only



Akuvox R28A

SIP Video Door Phone with Numeric Keypad

- 4.3" color TFT LCD
- Premium audio and video quality
- Aluminum panel
- 116° wide-angle 2MP camera with automatic lighting
- Support multiple access control methods: NFC, 13.56MHz and 125kHz access cards
- Built-in induction loop module (Optional)
- Cold-resistant (-40 °C to 55 °C)



Akuvox R27A

SIP Video Door Phone with Numeric Keypad

- Premium audio and video quality
- Aluminum panel
- 116° wide-angle 2MP camera with automatic lighting
- Support multiple access control methods: NFC, 13.56MHz and 125kHz access cards
- Anti-cold version (-40 °C to 55 °C) available



Akuvox R20K

Compact SIP Video Door Phone with Numeric Keypad

- Premium audio and video quality
- 110° wide-angle 2MP camera with automatic lighting
- Support NFC, 13.56MHz and 125kHz access cards
- Ideal for environments with limited space



Akuvox R20B

Compact SIP Video Door Phone

- Five call buttons with nameplates
- Wide-angle camera: 110° (H), 58° (V)
- Two-way audio communication over IP networks with Echo Cancellation feature
- Comply with SIP standard for easy integration with SIP-capable PBXes
- Comply with ONVIF standard for easy integration with any network surveillance system



Akuvox MD12

Video Intercom Nametag Module

- Nametag module compatible with R20K/R20B
- Twelve call buttons with nametags for easy calling
- IP65
- Backlight compensation behind the nametag buttons
- User-friendly and expandable
- In-wall installation



Akuvox MD06

Video Intercom Nametag Module

- Nametag module compatible with R20K/R20B
- Six call buttons with nametags for easy calling
- IP65
- Backlight compensation behind the nametag buttons
- User-friendly and expandable
- In-wall installation



Akuvox R20A

Compact SIP Video Door Phone

- Premium audio and video quality
- 116° wide-angle 2MP camera with automatic lighting
- Support NFC, 13.56MHz and 125kHz access cards
- Ideal for environments with limited space



Akuvox E21V

SIP Video Emergency Intercom

- Vandal-resistant with 316-grade stainless steel body
- Premium audio and video quality
- 116° wide-angle 2MP camera with automatic lighting



Akuvox E21A

SIP Emergency Intercom

- Vandal-resistant with 316-grade stainless steel body
- IK10 Rating
- Premium audio quality



Akuvox E20S

SIP Emergency Intercom

- Vandal-resistant body with a panic button
- IK10 Rating
- Two-way audio communication over IP networks with Echo Cancellation feature
- Support advanced group conference call features
- Powered by PoE
- Comply with SIP standard for easy integration with SIP capable PBXes

Akuvox E18C

7" Face Recognition Door Phone



- Visible light facial recognition
- Dual cameras with anti-spoofing algorithm against photo and video attacks
- 20,000 face capacity & 20,000 card capacity
- Face recognition duration less than 0.2s/user, face recognition accuracy rate greater than 99.5%
- Allow both audio and video communication to an IP phone, mobile client, or softphone
- Multiple verification methods including: face, PIN, cards NFC, BLE and QR codes
- Support stand-alone operation
- Configuration via web browser
- Support 4G module (optional)



Akuvox E16C

Facial Recognition Door Phone

- 5" full-color touch display provides ultra-wide viewing angles
- Visible light facial recognition
- Anti-spoofing algorithm against photos and videos
- Support SIP to provide reliable two-way voice & one-way video communication
- Support multiple verification methods, including the face, card, PIN, Bluetooth, and QR code
- Support stand-alone operation
- Optional body temperature detection function
- Powered by PoE or external power supply



Akuvox E11R

Compact SIP Video Door Phone

- Premium audio and video quality
- 116° wide-angle 2MP camera with automatic lighting
- Support NFC, 13.56MHz and 125kHz access cards
- Ideal for environments with limited space
- For indoor use only



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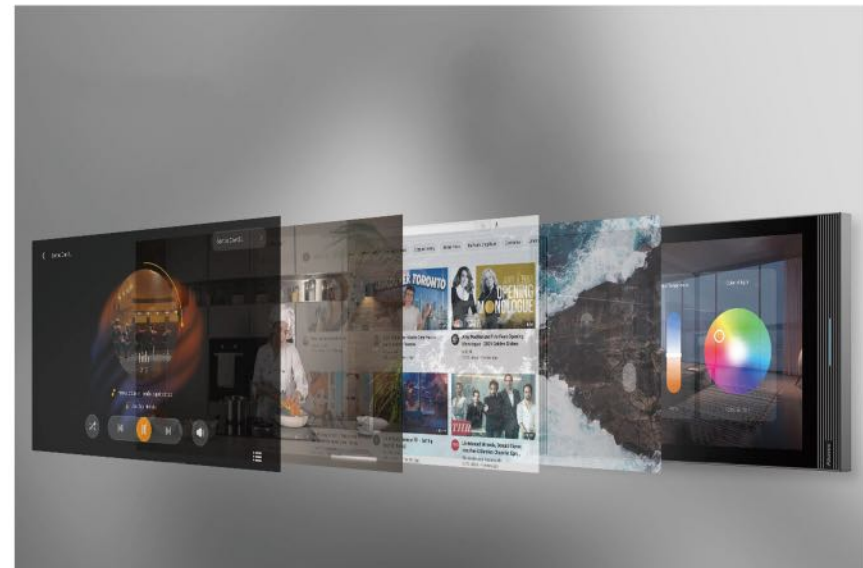
\$567

A Smart Intercom,
as well as a Gear for Audiophile

Akuvox S567

10" Android Indoor Monitor

- Certified by Google GMS(S567G)
- Built-in Wi-Fi 6 and Bluetooth feature (Optional)
- 5MP camera (Optional)
- Two-way audio communication
- Automatically adjust the screen brightness
- Built-in smart voice assistant
- Support voice changer
- Comply with SIP standard for easy integration with SIP-capable PBXes
- Powered by PoE or external source
- Support US or European electrical wall box mounting
- White color housing available
- Desk mount available



S563

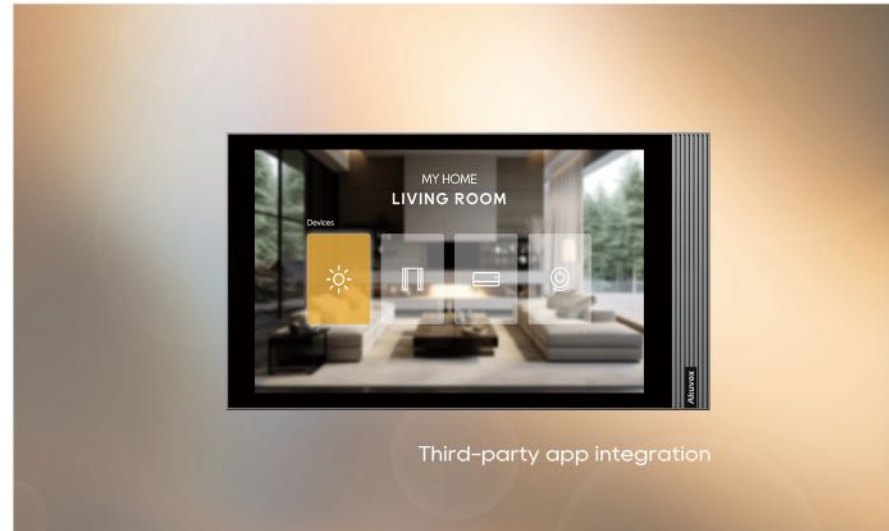
**Unlock Smart Living
Possibilities**



Akuvox S563

8" Android Indoor Monitor

- 8" touch screen with 1280x800 resolution
- Stylish industrial design
- Two-way audio communication
- Built-in Wi-Fi 6 (Optional)
- Built-in smart voice assistant
- Support voice changer
- Comply with SIP standard for easy integration with SIP-capable PBXes
- Eight-channel inputs and one built-in relay
- Powered by PoE or external source
- Support US or European electrical wall box mounting
- Desk mount available





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IT88

Luxury 10" Indoor Monitor
for Smart Home & Intercom



Smart Home
Integration



Android OS 9.0



Offline Voice
Assistant



Akuvox IT88S

10" Android Indoor Monitor

- 10" capacitive touch screen IPS LCD with 1280 x 800 resolution
- HD video & audio communication
- Built-in offline voice assistant
- Eight channel inputs and two embedded relays
- Support 3rd-party apps installation
- Built-in SIP PBX function

 Android 9.0

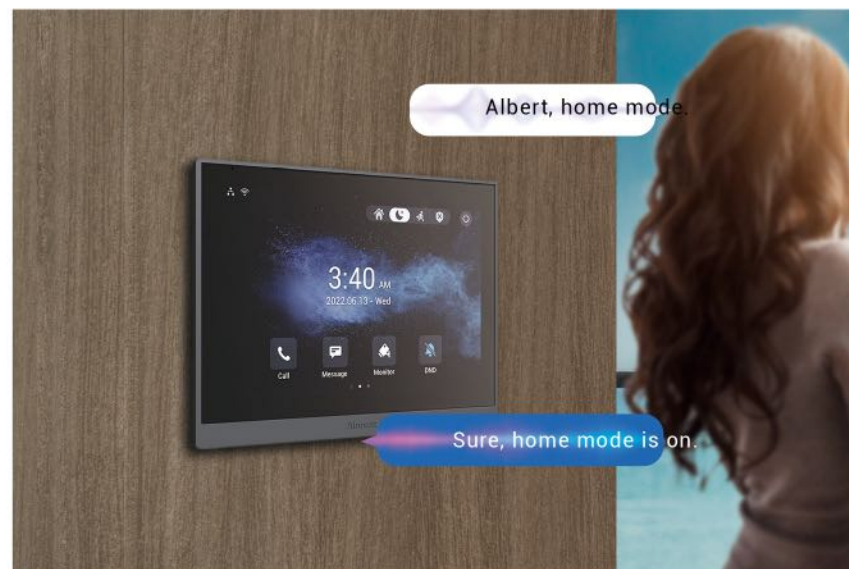
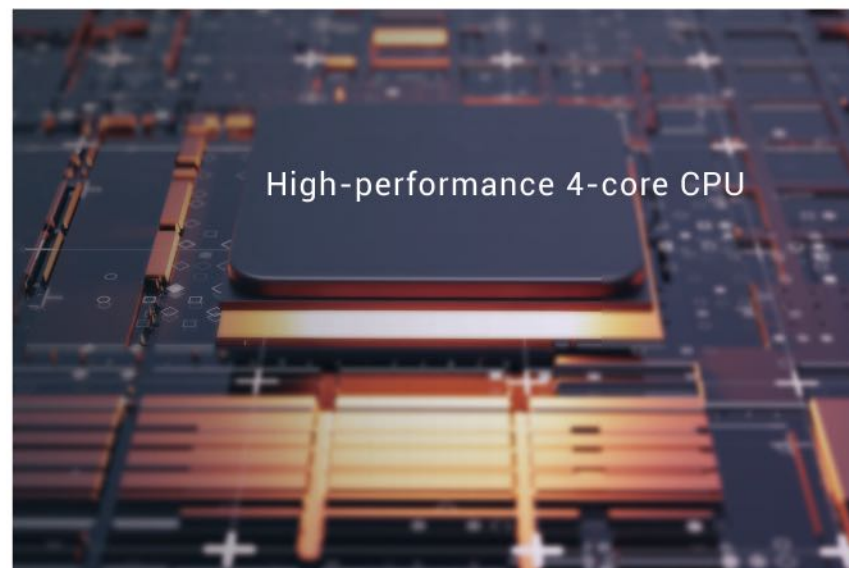
 PoE



Akuvox IT88P

10" Android Indoor Monitor

- 10" capacitive touch screen IPS LCD with 1920 x 1200 resolution
- HD video & audio communication
- Built-in offline voice assistant
- Eight channel inputs and two embedded relays
- Support 3rd-party apps installation
- Built-in SIP PBX function



C319

Smart Indoor Monitor Specially Designed for Older Individuals



AI-powered Voice Assistant



Work with Telecare Pendants



Built-in SIP Server



Akuvox C319

10" Android Indoor Monitor

- 10" capacitive touch screen IPS LCD with 1280 x 800 resolution
- IMP camera (optional)
- HD video & audio communication
- Built-in Bluetooth and Wi-Fi feature (optional)
- Built-in offline voice assistant
- Eight channel inputs and two embedded relays
- Support 3rd-party apps installation
- Support RF433/Rf869 and Akuvox EP10 (optional)
- Built-in SIP PBX function
- Desk mount available

 Android 9.0

 PoE





X933

Luxury Smart Indoor Monitor
Perfect for Your Home



Italian Industrial
Design



AI-powered Voice
Assistant

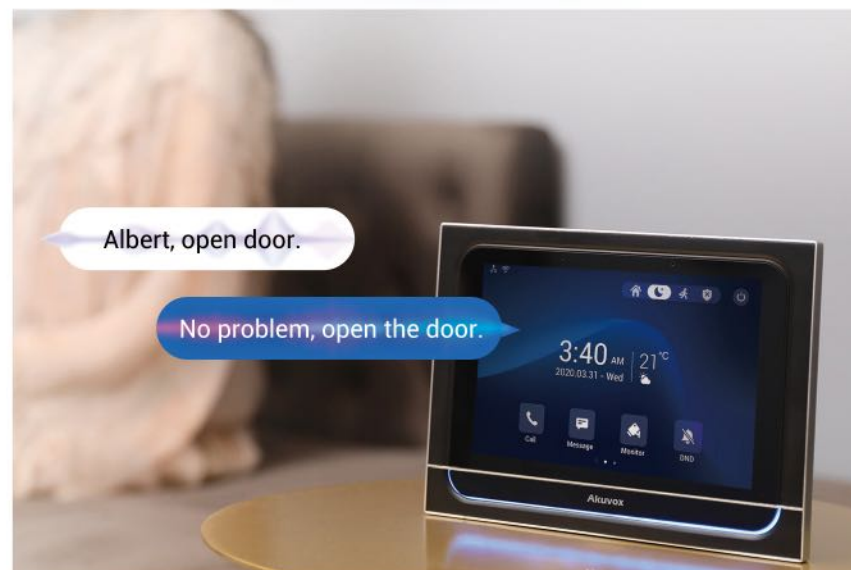


Smart Home
Integration

Akuvox X933

7" Android Indoor Monitor

- 7" touch screen with 1280 x 800 resolution
- Excellent performance with Android 9.0 OS
- Eight-channel inputs and two built-in relays
- Dual-microphone for noise reduction
- Support 3rd-party apps
- White color housing available
- In-wall mounting version available





Akuvox S565

10" Linux Indoor Monitor

- 10" touch screen with 1280x800 resolution
- Stylish industrial design
- Two-way audio communication
- Built-in Wi-Fi 6 (Optional)
- Comply with SIP standard for easy integration with SIP-capable PBXes
- Eight-channel inputs and one built-in relay
- Powered by PoE or external source
- Support US or European electrical wall box mounting
- Desk mount available



Akuvox S562

7" Linux Indoor Monitor

- 7" touch screen with 1024x600 resolution
- Eight-channel inputs and one built-in relay
- Built-in Wi-Fi 6 feature (Optional)
- Stylish industrial design
- Friendly user interface
- Desk mount available



Akuvox S562-S

7" Linux Indoor Monitor

- 7" touch screen with 1024x600 resolution
- Eight-channel inputs and one built-in relay
- Built-in Wi-Fi 6 feature (Optional)
- Stylish industrial design
- Friendly user interface
- Surface mount available



Akuvox S560

Audio Indoor Answering Unit

- Ergonomic design, comfortable to use, and easy to operate
- Exceptional two-way audio communication
- Easy integration with SIP PBXes
- Powered by PoE or an external power supply
- Support key customization
- Support speed dial and long-press to call preset numbers
- Support one-press call to property managers
- On-wall or desktop mounting options available



Akuvox C316

7" Android Indoor Monitor

- 7" touch screen with 1024 x 600 resolution
- Two-way audio communication
- Built-in Wi-Fi (optional)
- Comply with SIP standard for easy integration with SIP-capable PBXes
- Eight-channel inputs and one built-in relay
- Powered by PoE or external source
- Support US or European electrical wall box mounting
- Desk mount available






Akuvox C313

Budget-friendly Indoor Monitor

- 7" touch screen with 1024 x 600 resolution
- Eight-channel inputs and one built-in relay
- White color housing available

Smart 2-Wire SIP Video Intercom

It's time to upgrade
your outdated analog systems!

-  Save costs by reusing existing cables
-  Improve user experiences with smart features
-  Fit for projects large or small





Akuvox R20K-2

2-Wire SIP Video Door Phone

- Two-pin wire for power supply and network access
- Wide-angle camera: 110° (H), 58° (V)
- IC/ID card reader & keypad embedded
- Two-way audio communication over IP networks with Echo Cancellation & noise suppression
- H.264 video compression



Akuvox R20A-2

2-Wire SIP Video Door Phone

- Vandal-resistant body, with a flush button
- Two-pin wire for power supply and network access
- Wide-angle camera: 110° (H), 58° (V)
- IC/ID card reader embedded
- Two-way audio communication over IP networks with echo cancellation & noise suppression
- H.264 video compression



Akuvox E12S-2

2-Wire Single Button Door Phone

- Single button for outdoor environment
- Two-pin wire for power supply and network access
- Wide-angle camera: 123° (H), 69° (V)
- IC card reader & Bluetooth embedded
- Two-way audio communication over IP networks with echo cancellation feature
- Comply with SIP & ONVIF



Akuvox C313W-2

2-Wire SIP Indoor Monitor

- 7" touch screen with 800 x 480 resolution
- Eight-channel inputs and one built-in relay
- White color housing available
- Support 2-wire connection



Akuvox NS-2

2-Wire IP Network Switch

- Connect up to six 2-wire IP intercom devices
- Support network and power supply for R20A-2 or C313W-2 through 2-wire cable
- Support multi-level cascade through 2-wire cable
- Long data transmission distance



Akuvox 2-Wire Adaptor Kit

Ethernet to 2-Wire Adaptor Kit

- Support PoE input and output
- Long transmission distance via 2-wire cable
- Powered by PoE



Akuvox NC-2

Ethernet to 2-Wire Adaptor

- Support PoE Output
- Long transmission distance via 2-wire cable
- Support for paired use or use with Akuvox NS-2
- Powered by 48VDC unit or NS-2

R49G

Android IP Video Phone

-  7" touch screen with 1024 x 600 resolution
-  Excellent performance with Android 9.0 OS
-  Premium audio and video quality
- DTMF** DTMF for remote door opening
-  2MP camera with privacy shutter
-  Built-in Bluetooth, USB, and Wi-Fi
-  Support 3rd-party apps



A08

Access Control Terminal

Minimal Footprint,
Mighty Unlocking



Akuvox A08S

Mullion Size Access Control Terminal

- Touch keypad
- QR code scanner
- Aluminum alloy panel
- Support multiple access control methods: PIN, NFC, 13.56MHz and 125kHz access cards, Bluetooth, and QR code
- Built-in HID® Proximity or iClass® Module (Optional)
- APIs available for easy integration with 3rd-party systems
- Support tamper-proof alarm
- Support up to 20,000 cards and 100,000 card event logs
- BLE 5.0
- Support OSDP & Wiegand protocol
- Ideal for environments with limited space



Akuvox A08K

Mullion Size Access Control Terminal

- Touch keypad
- Aluminum alloy panel
- Support multiple access control methods: PIN, NFC,13.56MHz and 125kHz access cards
- APIs available for easy integration with 3rd-party systems
- Support tamper-proof alarm
- Support up to 20,000 cards and 100,000 card event logs
- Support OSDP & Wiegand protocol
- Ideal for environments with limited space

Linux Wiegand PoE IP65 IK09





SMART ACCESS CONTROL SOLUTIONS

Secure, convenient, and tech-forward access control for residential and office applications



Cloud-based access control



Time & attendance



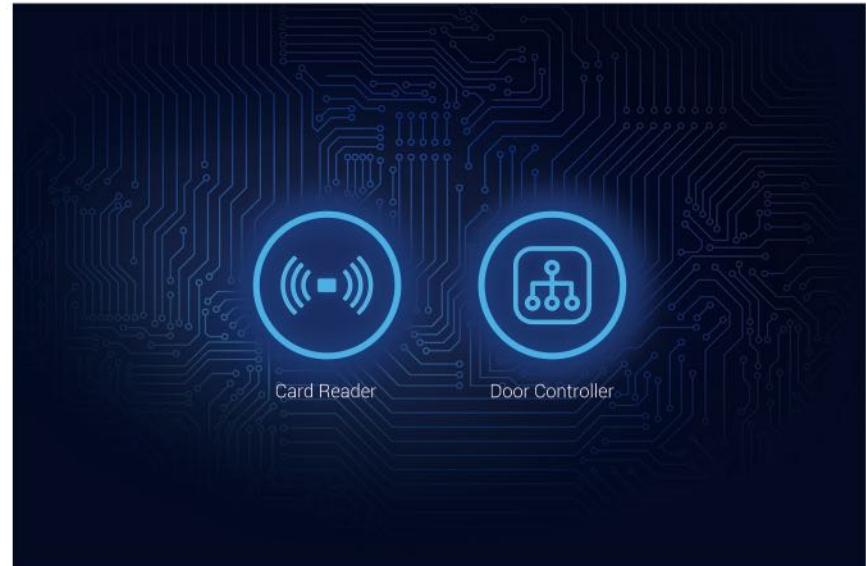
Multiple verification methods

Akuvox A03S

Access Control Terminal

- Toughened glass & aluminum alloy panel
- 13.56MHz & 125kHz RFID card reader & NFC
- Small and exquisite, suitable for installation in narrow spaces
- APIs available for easy integration with 3rd-party systems
- Support tamper-proof alarm
- Support up to 20,000 cards and 100,000 card event logs
- BLE 5.0

 Linux  Wiegand  PoE  IP65





Akuvox A05

Facial Recognition Access Control Terminal

- 5" full-color display provides ultra-wide viewing angles
- Visible light facial recognition
- Anti-spoofing algorithm against photos and videos
- Support multiple verification methods, including the face, card, and QR code
- Support stand-alone operation
- Optional body temperature detection function
- Powered by PoE or external power supply



Akuvox A02S

Access Control Terminal

- Touch keypad
- Aluminum alloy panel
- Support multiple access control methods: PIN codes, NFC, 13.56MHz and 125kHz access cards, and two-factor authentication
- APIs available for easy integration with 3rd-party systems
- Support tamper-proof alarm
- Support up to 20,000 cards and 100,000 card event logs
- Ideal for environments with limited space



Akuvox A01S

Access Control Terminal

- Toughened glass & aluminum alloy panel
- Support multiple access control methods: NFC, 13.56MHz and 125kHz access cards
- APIs available for easy integration with 3rd-party systems
- Support tamper-proof alarm
- Support up to 20,000 cards and 100,000 card event logs
- Ideal for environments with limited space



Akuvox SR01

Security Relay

- Ultra-compact form
- Indoor installation
- Encrypted data communication
- Easily placed in most standard installation boxes



Akuvox ACR-CID01

Desktop Card Reader

- Frame: Plastic
- Color: Black
- Size: 66.8 x 104.7 x 12.1 (mm)
- Weight: 56g
- Indicator Light: Blue/Green
- Power by USB (5VDC,0.5A)
- USB: 1 (Power Supply/Data Transmission)
- Buzzer: 1



Akuvox Bkey

Bluetooth Access Card

- Frame: Plastic
- Color: Black
- Size: 31 x 52.5 x 11.36 (mm)
- Weight: 7g
- Key ring hole
- Button: 1 push button
- Indicator Light: Red/Blue
- Power by battery CR2032



Akuvox EC33

Elevator Access Controller



Support 32 outputs with further expansion to 64 outputs



Support up to 20,000 cards and 100,000 card event logs



Support Wiegand 26/34



Compatible with Akuvox intercoms and access control terminals











Support remote control via Akuvox Cloud



Akuvox A094S

4 Door Controller

-  Support 4 port interfaces for Wiegand readers
-  Support 13 port interfaces for input
-  Support 8 port interfaces for relay out
-  Backlit function icons
-  Support backup battery (battery not supplied)
-  Support RS485 and Wiegand protocols
-  Support tamper-proof alarm
-  Support up to 50,000 cards and 100,000 card event logs



Akuvox SmartPlus Residential

Akuvox SmartPlus, a smart cloud-based intercom service for residential buildings, caters to the on-the-go lifestyles by offering residents smartphone-based building access and simplifies property access management for property owners and managers.



SmartPlus App

The SmartPlus App allows residents to see and talk to visitors, open doors, monitor building entrances and issue virtual keys from their smartphones, which offers an elevated building entry experience.

Preview
See who is at the entrance before answering the call



Video Calling
See and talk to visitors with live video before buzzing them in remotely



Door Unlocking
Open doors using the "Open Door" button of the app or Bluetooth or through a standard phone call



Virtual Key
Issue time-limited QR code keys and guest PINs

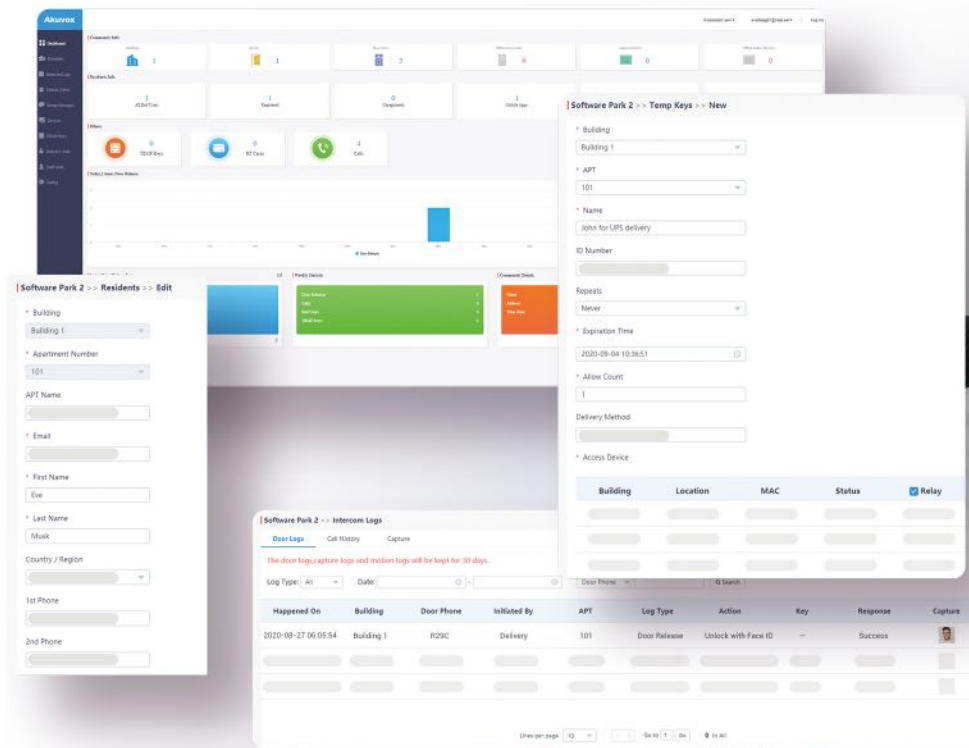


Push Notification
Get instant notifications of incoming calls



Door Release Log
Access to date- and time-stamped photos of door release events





Property Management Portal

The web-based property access management portal of Akuvox SmartPlus offers a bunch of remote-working features that greatly enhance building operation efficiency.

- Manage all properties of multiple sites from a single interface
- Access to time- and date- stamped photos of all door entries
- Assign time-limited PINs to delivery or service people
- Easy posting of community announcements
- Easy integration with existing building systems

Akuvox SmartPlus ACaaS

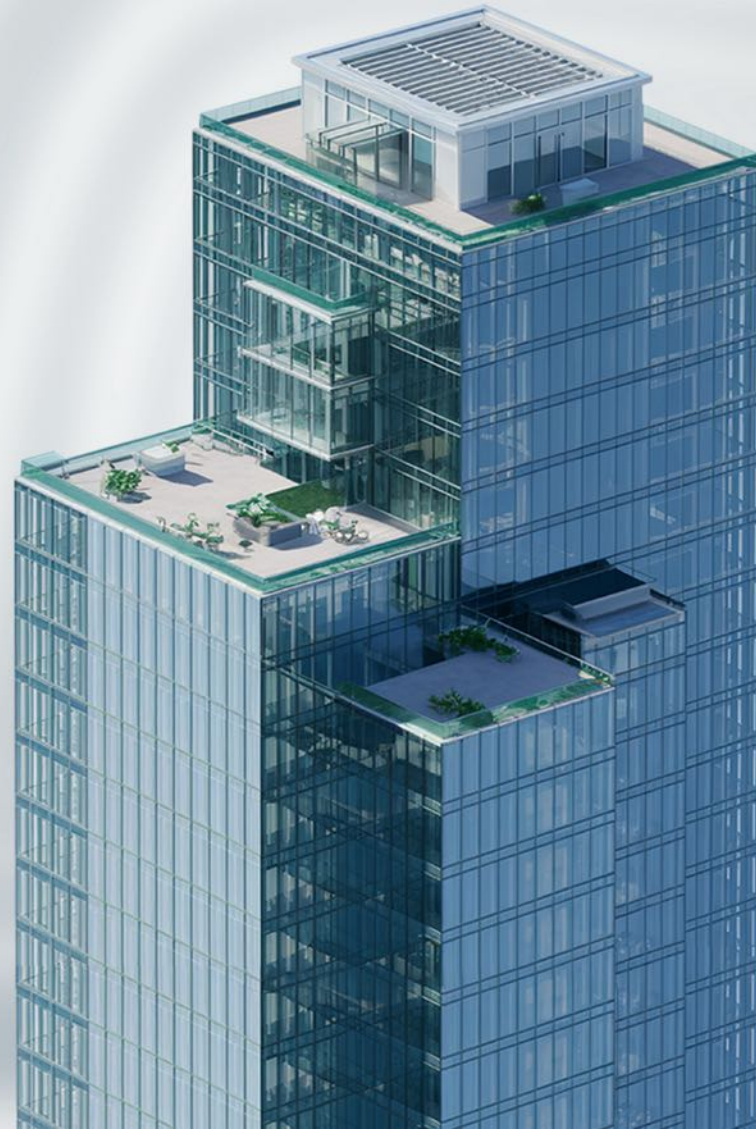
Smart Access Control as a Service
for Commercial Properties

Workplaces face increasing security, efficiency, and operational demands, making robust access control essential. With Akuvox's proven expertise in smart intercoms, cloud-based services, and AI-driven security solutions, we empower you to seamlessly meet these challenges and enhance workplace safety and management.




**Akuvox Powers Up
Your Office
Access Control**

How It Works



Office Entrance



Access Control

Office Cubicle



App for Staff

Administrator Office



Admin Portal Guard Phone

Building Entrance



Sensor Door Phone

Elevator



Elevator Control

Vehicle Entrance



Akuvox RFID Card Door Phone

Elevate Workspace Operations



Unified Project Management

Effectively manage multiple companies' offices in the same location or manage one company's offices in different locations.



Comprehensive Remote Management

Manage users, access, visitors, alarm notifications, message publishing, and logs — all from a single, intuitive web portal.



Cutting-Edge Access Technologies

Incorporate professional smart intercom and access products featuring face recognition, BLE, NFC, RFID cards, QR code, and mobile app integration for comprehensive access control options.



Streamlined Visitor Management

Facilitate secure access with features like temporary keys, QR codes for one-time access, time-limited access credentials, and space-restricted permissions for guests, interviewees, and maintenance personnel.



Enhanced Security Features

Supports advanced security features such as precise access control, built-in HID® reader, anti-passback, door open timeout alarm, one-click emergency release, and tamper alarm.



Integration with Elevator Systems

Seamlessly integrate our smart access solutions with elevator systems for enhanced building management.



Akuvox My MobileKey

Bluetooth Mobile Credential

- Support wave-to-unlock feature
- Support door opening using the unlocking tab of the app
- Bluetooth credential secured by the AES256 encryption protocol
- Integration with the Akuvox ACMS
- Available for Android & IOS version



Akuvox ACMS

PC-based Access Control Management System for Small and Medium Businesses

- Staff information management
- Device management
- Access control management
- Access to detailed access logs



Akuvox SDMC

On-premise Software for Community-wide Intercom System Management

- Batch deployment of devices automatically
- Real-time video monitoring
- Access control management
- Messaging and ad pushing



Akuvox PC Manager

PC-based Management Software for Intercom Configuration

- Automatic search and connection of intercom devices
- Addition, modification, and deletion of intercom configuration
- Batch intercom configuration and software upgrading

Smart Intercom Solutions



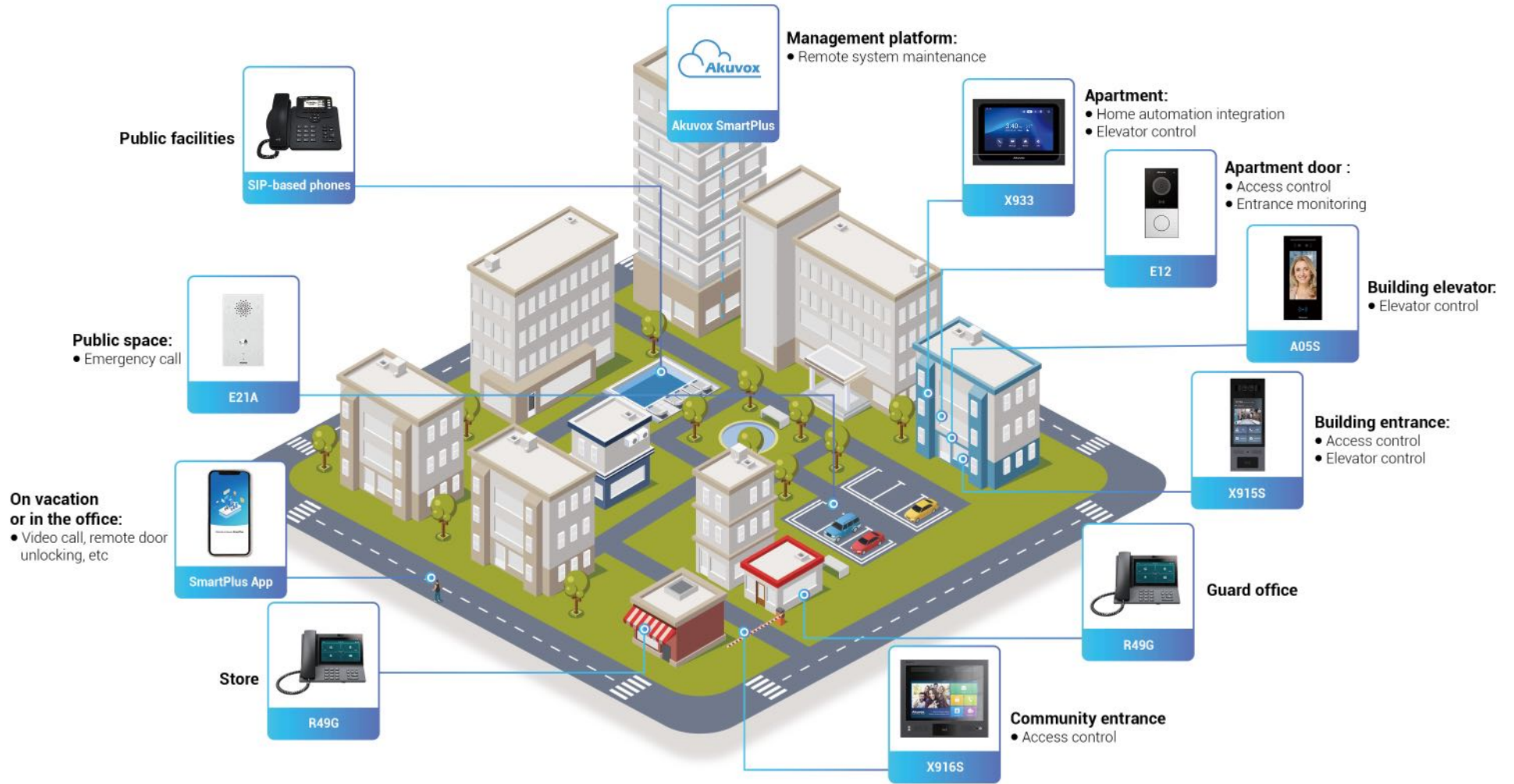
Smart Intercom Solution for RESIDENTIAL

As the standard of living improves, there are higher security and convenience requirements for modern residential living. This has posed new challenges to the traditional intercom, which is monofunctional and antiquated or doesn't function.

Highlights of Akuvox Smart Intercom Solution

- Build an extensive community-wide communication system
- Work with mobile phones and landlines
- Integrate home automation, video surveillance, and property management systems
- Summon elevator for the authorized visitors and send them to the designated floor
- App-based features, including video calls, remote door unlocking, alarm push notifications, and messages from the property management
- Remote system maintenance via a web browser

Solution Overview



Smart Intercom Solution for COMMERCIAL

Due to rapid changes in the global economy, enterprises need to overcome more business challenges such as improving competitiveness, reducing costs, and enhancing productivity. Intercom technology has come into play to help maximize the potential business growth by integrating people and technology.

Highlights of Akuvox Smart Intercom Solution

- Flexible door entry options including facial recognition, NFC, RF cards, and PIN codes
- Integrate access control, existing phone systems, video surveillance, and time & attendance systems
- Mobile app for business communication on the go

Solution Overview



On-the-go: SmartPlus App

Office door: R20A
• Access control



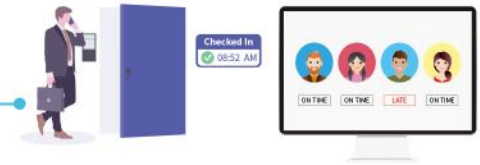
Building entrance: X916S
• Flexible building entry options

- | | | |
|---------|-----------|--------------------|
| QR Code | Bluetooth | Facial Recognition |
| NFC | RF Cards | PIN Codes |

Building lobby : A05S
• Access control



Integration with IP phone systems



Integration with time & attendance systems



Integration with video surveillance systems



Integration with access control systems

Smart Intercom Solution for ASSISTED CARE & HOSPITAL

As the world population ages, the healthcare system of every country faces significant challenges. Safety, trust, and security are the key contributing factors to older individuals' health and well-being, whether in their own homes or in a care home.

Highlights of Akuvox Smart Intercom Solution

- Converge the latest technologies, including SIP, Android, and AI
- Easy-to-use system specially designed for older individuals
- 100% transmission of SOS signal to service centers with < 10 seconds SOS signal delay
- Telecare pendant for making emergency calls and remote door unlocking via RF
- Connect with various alarm sensors, such as door magnet and smoke detector, for greater home security
- Remote operation and maintenance of a large number of devices
- Easy to upgrade the system for new features

Solution Overview

Seek Help in an Emergency

Albert,
help, help, help!



Use your voice to make an emergency call



Use a telecare pendant to make an emergency call



Automatic alerts raising when an alarm sensor is activated



Home: C319

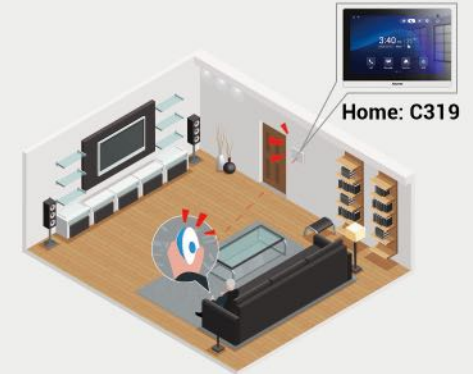


24-hour service center



Designated family members

Convenience for Daily Life



Home: C319

Use a telecare pendant to unlock doors for visitors remotely



Home: C319

Remotely answer a door phone call via a Bluetooth speaker

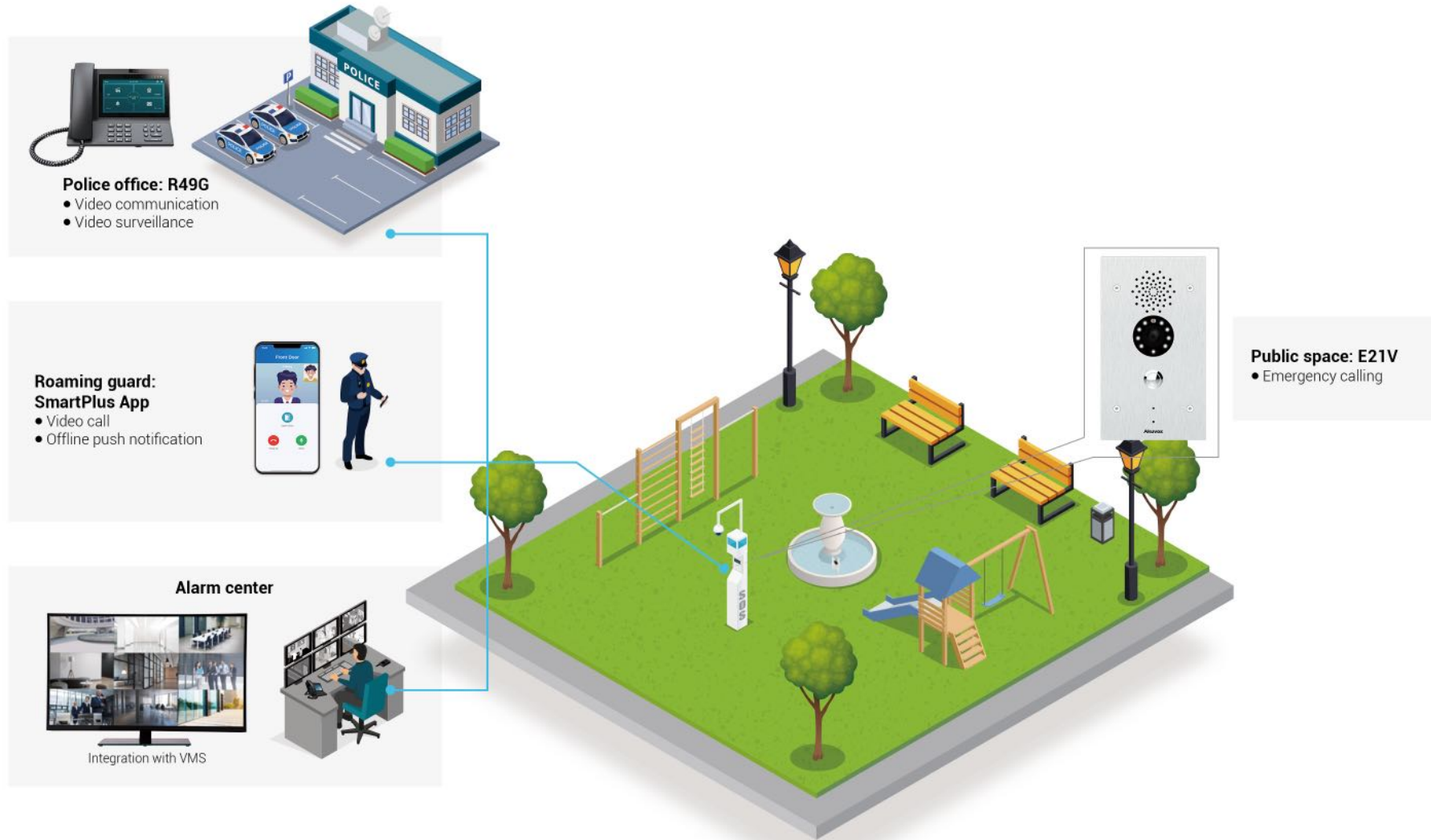
Smart Intercom Solution for PUBLIC SPACE

With terrorism and violence on the rise, the issue of safety, security, and real-time information is gaining significance. To protect people, assets, and property in the public space, we urgently need advanced intercom technologies to respond to situations in progress and manage everyday operations, public events, and emergencies.

Highlights of Akuvox Smart Intercom Solution

- Premium speech quality in any situation
- Vandal-resistant body with IK10 Rating
- Integrate with video surveillance systems
- Direct communication lines to alarm centers or security guards on patrol

Solution Overview



Smart Security Solution

for RESIDENTIAL

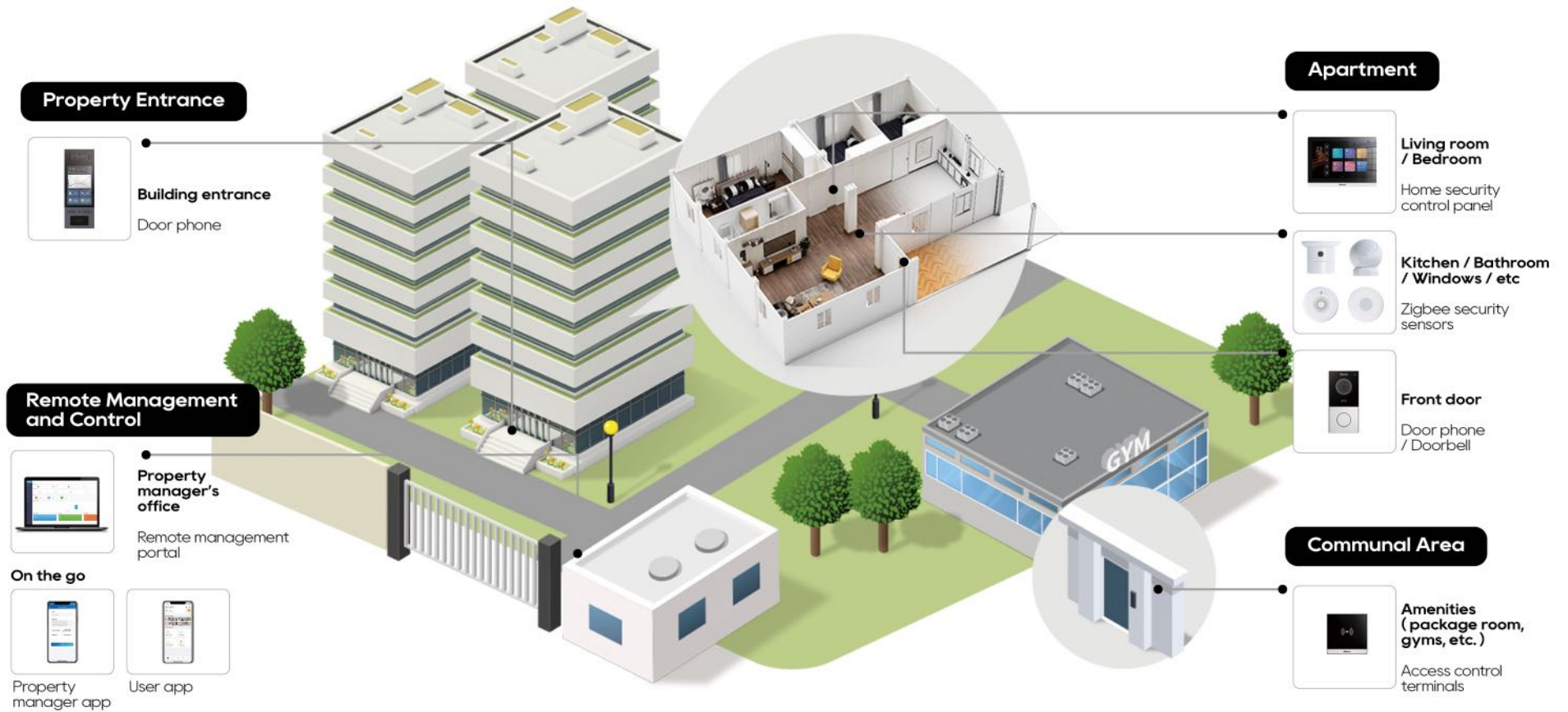
Akuvox takes the property security beyond property access and extends it to the inside of the property unit. Our next-generation smart security solution combines building intercom, access to communal amenities, and home security into one system, which safeguards the community and homes while offering smart living and increasing property value.



Highlights of Akuvox Smart Security Solution

- Various contactless door entry methods are supported, including NFC, Bluetooth, QR code, and mobile App
- Leak detectors work 24/7 and send real-time leak alerts to property management staff
- Prospective tenants can self-tour the properties using a temporary QR code for property access
- The web management portal and the dedicated app for property managers allow them to grant access to couriers from anywhere and streamline the move-in/move-out process
- The system enables easy upgrade of outdated intercom and security systems over existing wiring
- The system is capable of integrating with various 3rd-party systems, such as smart home and healthcare systems, to fit more application scenarios
- The system can be personalized to satisfy different needs

Solution Overview



Model	X916S	X915S	X912S	X912K	S539	S532	R29C
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							
Angle Bracket							

Model	R29C-L	R29C-B	R28A	R27A	R20K	R20B	MD12
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							
Angle Bracket							

Model	MD06	R25A	R20A	E18C	E16C	E13S	E12
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							
Angle Bracket							





Model	E11R	E21V	E21A	E20S			
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							

Model	S567	S565	S563	S562	S562-S	S560	IT88
Image							
On-Wall Mounting							
In-Wall Mounting							
Desktop Bracket							

Model	C319	X933	C316	C313	R49G		
Image							
On-Wall Mounting							
In-Wall Mounting		 for in-wall version					
Optional Rain Cover							

Model	R20K-2	R20A-2	E12S-2	C313W-2	NS-2	2-Wire Adaptor Kit	NC-2
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							
Angle Bracket							

Model	A08S	A08K	A05	A03S	A02S	A01S	SR01
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							
Angle Bracket							

Model	ACR-CID01	Bkey	EC33	A094S			
Image							
On-Wall Mounting							
In-Wall Mounting							
Optional Rain Cover							
Angle Bracket							

Model	X916S	X915S	X912S	X912K	S539	S532	R29C
Image							
Display	13"	8"	4"	4"	10"	2.8"	7"
Touch Screen	Yes	Yes	Yes	Yes	Yes	No	Yes
Front Panel	Stainless steel	Stainless steel	Stainless steel	Aluminum	Aluminum	Aluminum	Aluminum
PoE	PoE+	PoE+	PoE+	Yes	PoE+	Yes	Yes
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	Android	Android	Linux	Linux	Android	Linux	Android
Camera	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wi-Fi	No	No	No	No	No	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Biometric Access	Yes	Yes	Yes	Yes	Yes	No	Yes
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Detection	No	No	No	No	No	No	No
LTE	No	No	No	No	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP66	IP66	IP65
3rd-party Apps	Yes	Yes	No	No	Yes	No	Yes

Model	R29C-L	R29C-B	R28A	R27A	R20K	R20B	MD12
Image							
Display	7"	7"	4.3"	128 x 32 dots	No	No	No
Touch Screen	Yes	Yes	No	No	No	No	No
Front Panel	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum alloy	Aluminum alloy	Aluminum
PoE	No	Yes	Yes	Yes	Yes	Yes	No
SIP	Yes	Yes	Yes	Yes	Yes	Yes	No
Operating System	Android	Android	Linux	Linux	Linux	Linux	No
Camera	Yes	Yes	Yes	Yes	Yes	Yes	No
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	No
Wi-Fi	No	No	No	No	No	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	No
Biometric Access	Yes	Yes	No	No	No	No	No
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	No
Temperature Detection	No	Yes	No	No	No	No	No
LTE	Yes	No	No	No	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65
3rd-party Apps	Yes	Yes	No	No	No	No	No

Model	MD06	R25A	R20A	E18C	E16C	E13S	E12
Image							
Display	No	No	No	7"	5"	No	No
Touch Screen	No	No	No	Yes	Yes	No	No
Front Panel	Aluminum	Aluminum	Aluminum alloy	Plastics	Plastics	Plastics	Plastics
PoE	No	Yes	Yes	Yes	Yes	Yes	Yes
SIP	No	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	No	Linux	Linux	Linux	Linux	Linux	Linux
Camera	No	Yes	Yes	Yes	Yes	Yes	Yes
ONVIF	No	Yes	Yes	Yes	Yes	Yes	Yes
Wi-Fi	No	No	No	No	No	No	Optional
PIN / Card Entry	No	Yes	Yes	Yes	Yes	Yes	Yes
Biometric Access	No	No	No	Yes	Yes	No	No
Wiegand	No	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Detection	No	No	No	Optional	Optional	No	No
LTE	No	No	No	Optional	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65
3rd-party Apps	No	No	No	No	No	No	No





Model	E11R	E21V	E21A	E20S			
Image							
Display	No	No	No	No			
Touch Screen	No	No	No	No			
Front Panel	Plastics	Stainless steel	Stainless steel	Stainless steel			
PoE	Yes	Yes	Yes	Yes			
SIP	Yes	Yes	Yes	Yes			
Operating System	Linux	Linux	Linux	Linux			
Camera	Yes	Yes	No	No			
ONVIF	Yes	Yes	No	No			
Wi-Fi	No	No	No	No			
PIN / Card Entry	Yes	No	No	No			
Biometric Access	No	No	No	No			
Wiegand	Yes	No	No	No			
Temperature Detection	No	No	No	No			
LTE	No	No	No	No			
IP Rating	-	IP65	IP65	No			
3rd-party Apps	No	No	No	No			

Model	S567	S565	S563	S562	S562-S	S560	IT88
Image							
Display	10"	10"	8"	7"	7"	No	10"
Touch Screen	Yes	Yes	Yes	Yes	Yes	No	Yes
Front Panel	Plastics	Plastics	Plastics	Plastics	Plastics	Plastics	Aluminum
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	Android	Linux	Android	Linux	Linux	No	Android
Camera	Optional	No	No	No	No	No	Optional
ONVIF	-	-	-	-	-	-	-
Wi-Fi	Optional	Optional	Optional	Optional	Optional	-	Optional
PIN / Card Entry	-	-	-	-	-	-	-
Biometric Access	-	-	-	-	-	-	-
Wiegand	-	-	-	-	-	-	-
Temperature Detection	-	-	-	-	-	-	-
LTE	-	-	-	-	-	-	-
IP Rating	For indoor	For indoor	For indoor	For indoor	For indoor	For indoor	For indoor
3rd-party Apps	Yes	No	Yes	No	No	No	Yes

Model	C319	X933	C316	C313	R49G		
Image							
Display	10"	7"	7"	7"	7"		
Touch Screen	Yes	Yes	Yes	Yes	Yes		
Front Panel	Plastics	Plastics	Plastics	Plastics	Plastics		
PoE	Yes	Yes	Yes	Yes	Yes		
SIP	Yes	Yes	Yes	Yes	Yes		
Operating System	Android	Android	Android	Linux	Android		
Camera	Optional	No	No	No	Yes		
ONVIF	-	-	-	-	-		
Wi-Fi	Optional	Optional	Optional	Optional	Yes		
PIN / Card Entry	-	-	-	-	-		
Biometric Access	-	-	-	-	-		
Wiegand	-	-	-	-	-		
Temperature Detection	-	-	-	-	-		
LTE	-	-	-	-	-		
IP Rating	For indoor	For indoor	For indoor	For indoor	For indoor		
3rd-party Apps	Yes	Yes	No	No	Yes		

Model	R20K-2	R20A-2	E12S-2	C313W-2	NS-2	2-Wire Adaptor Kit	NC-2
Image							
Display	No	No	No	7"	-	-	-
Touch Screen	No	No	No	Yes	-	-	-
Front Panel	Aluminum alloy	Aluminum alloy	Plastics	Plastics	-	-	-
PoE	No	No	No	Yes	-	-	-
SIP	Yes	Yes	Yes	Yes	-	-	-
Operating System	Linux	Linux	Linux	Linux	-	-	-
Camera	Yes	Yes	Yes	No	-	-	-
ONVIF	Yes	Yes	Yes	-	-	-	-
Wi-Fi	No	No	No	Yes	-	-	-
PIN / Card Entry	Yes	Yes	Yes	-	-	-	-
Biometric Access	No	No	No	-	-	-	-
Wiegand	Yes	Yes	Yes	-	-	-	-
Temperature Detection	No	No	No	-	-	-	-
LTE	No	No	No	-	-	-	-
IP Rating	IP65	IP65	IP65	For indoor	-	-	-
3rd-party Apps	No	No	No	No	-	-	-

Model	A08S	A08K	A05	A03S	A02S	A01S	SR01
Image							
Display	No	No	5"	No	No	No	No
Touch Screen	No	No	No	No	No	No	No
Front Panel	Aluminum	Aluminum	Plastics	Toughened glass	Toughened glass	Toughened glass	Plastics
PoE	Yes	Yes	Yes	Yes	Yes	Yes	No
SIP	No	No	No	No	No	No	No
Operating System	Linux	Linux	Linux	Linux	Linux	Linux	No
Camera	Yes	No	Yes	No	No	No	No
ONVIF	No	No	Yes	No	No	No	No
Wi-Fi	No	No	No	No	No	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	No
Biometric Access	No	No	Yes	No	No	No	No
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	No
Temperature Detection	No	No	Optional	No	No	No	No
LTE	No	No	No	No	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	No
3rd-party Apps	No	No	No	No	No	No	No

Model	ACR-CID01	Bkey	EC33	A094S			
Image							
Display	-	-	No	No			
Touch Screen	-	-	No	No			
Front Panel	-	-	No	SGCC			
PoE	-	-	Yes	No			
SIP	-	-	No	No			
Operating System	-	-	Linux	Linux			
Camera	-	-	No	No			
ONVIF	-	-	No	No			
Wi-Fi	-	-	No	No			
PIN / Card Entry	-	-	No	No			
Biometric Access	-	-	No	No			
Wiegand	-	-	Yes	Yes			
Temperature Detection	-	-	No	No			
LTE	-	-	No	No			
IP Rating	-	-	No	No			
3rd-party Apps	-	-	No	No			

Akuvox

Open A Smart World



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