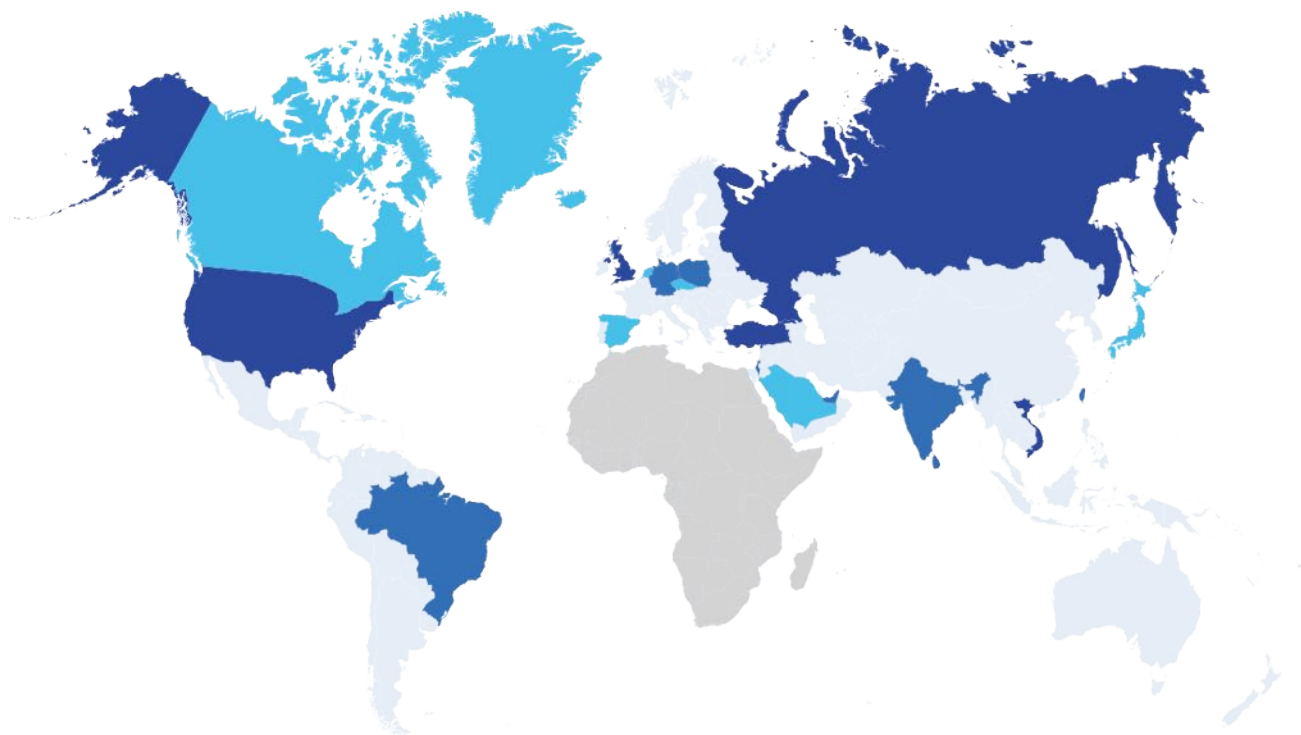# Akuvox

Smart Intercom
Catalogue

CONTENTS

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 100 countries and regions meeting customer needs in various vertical markets that range from residential to commercial, from healthcare to public safety.

100+

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.

AI

Cloud

Android

SIP

Security

Smart Intercom

User-Centered

Connected

Adaptive
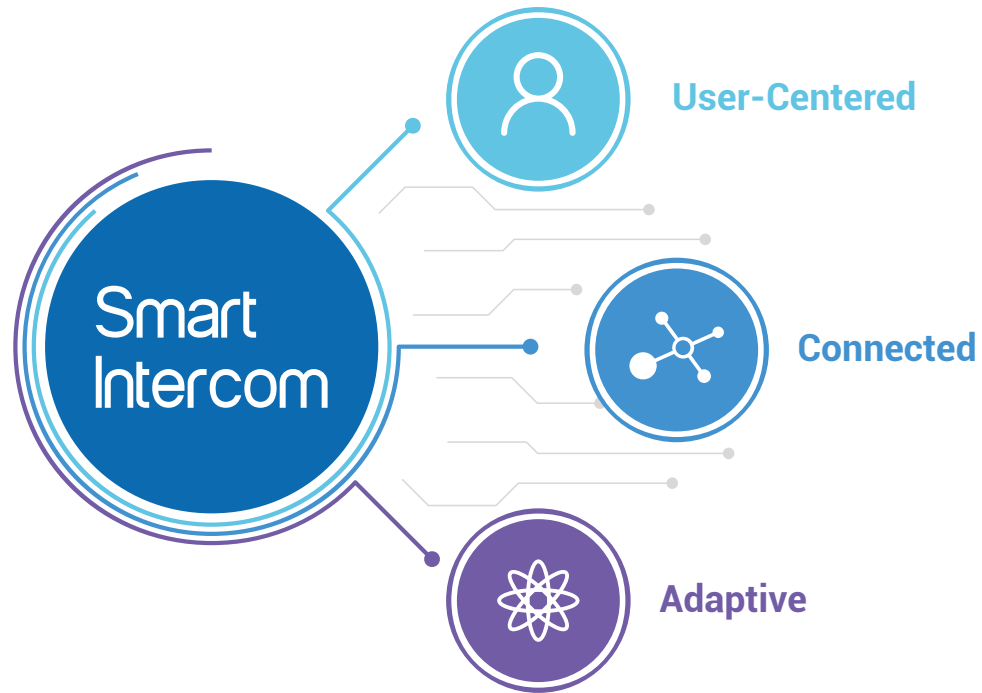
Smart Intercom Technologies

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.
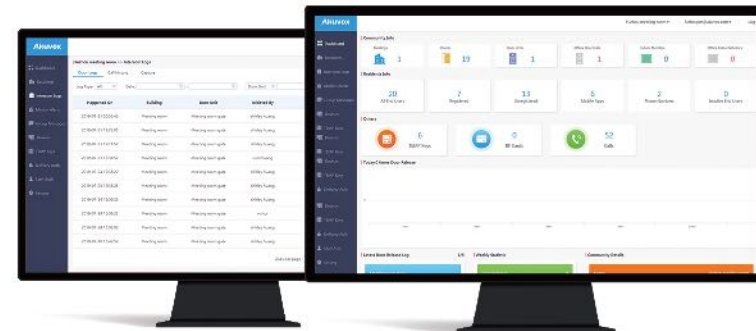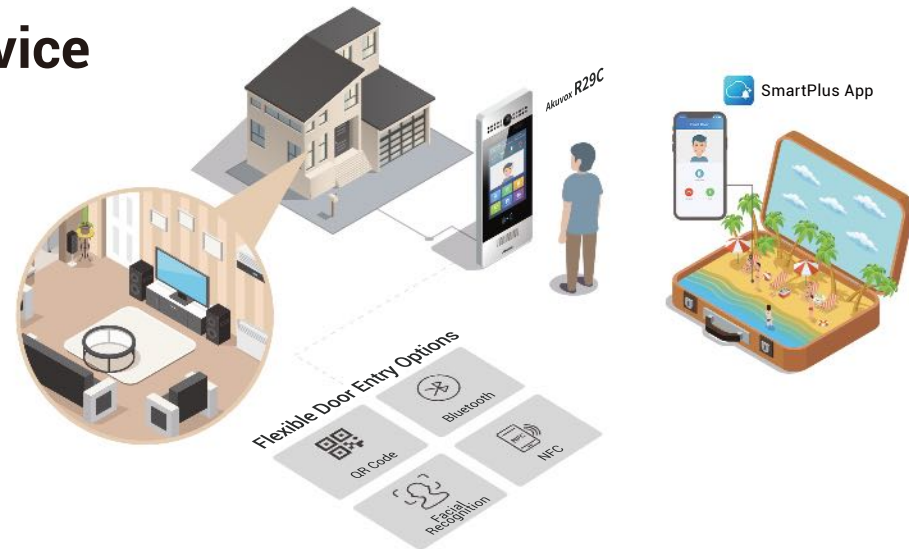
Smart Intercom Technologies-Cloud

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-Android

Easy Integration, Deep Customization, Exceptional User Experience

The openness of Android makes it easy to integrate Akuvox's smart intercoms with 3rd-party systems like home automation and security systems.

Akuvox's finely-tuned Android systems are easy to use. The system's high flexibility also allows Akuvox to offer deep customization service to meet bespoke customer needs.

With the Google app store, users can enjoy millions of the latest Android apps and digital content from their indoor monitors.

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

Indoor Monitor

Mobile Phone

IP Video Phone

Door Phone

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.
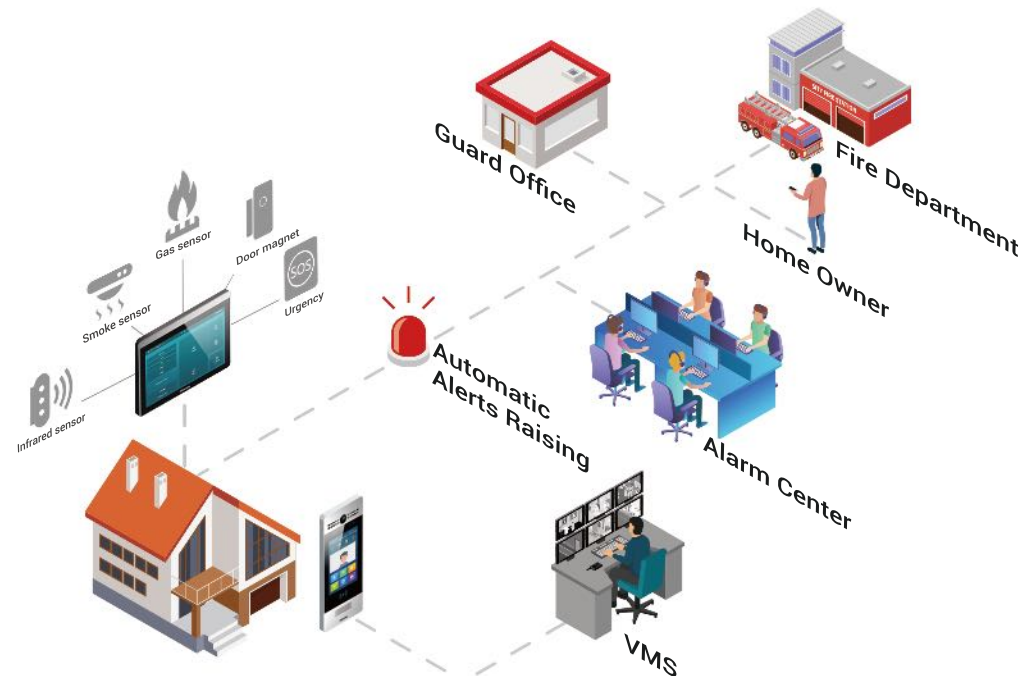
Work with Global Technology Partners

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

Home Automation		Telephony	Video Management System	Access Control
snap one	tuya	Genetec	milestone	VANDERBILT
RTI	ELAN	Yeastar	NetworkOptix	ZKTeco
LifeSmart 云起智能	HDL	broadsoft	CISCO	parsec
zipato		aare net	Camera	SIEMENS
iRidium mobile		elastix	Tiandy	
core		epygi Manufactured in the USA	EAGLE EYE NETWORKS	
		CyberTwice	Milesight	

Smart Intercom Products

X915

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
- The primary camera features a built-in HDR mode to tackle a variety of high-contrast scenes
- Fully compliant with the IK10 Rating
- Support multiple verification methods, including the face, card, PIN, Bluetooth, and QR code
- 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

Android 9.0 **Onvif** **Wiegand**

PoE+ **IP65** **IK10**

Height：40cm

Weight：5kg

IK10
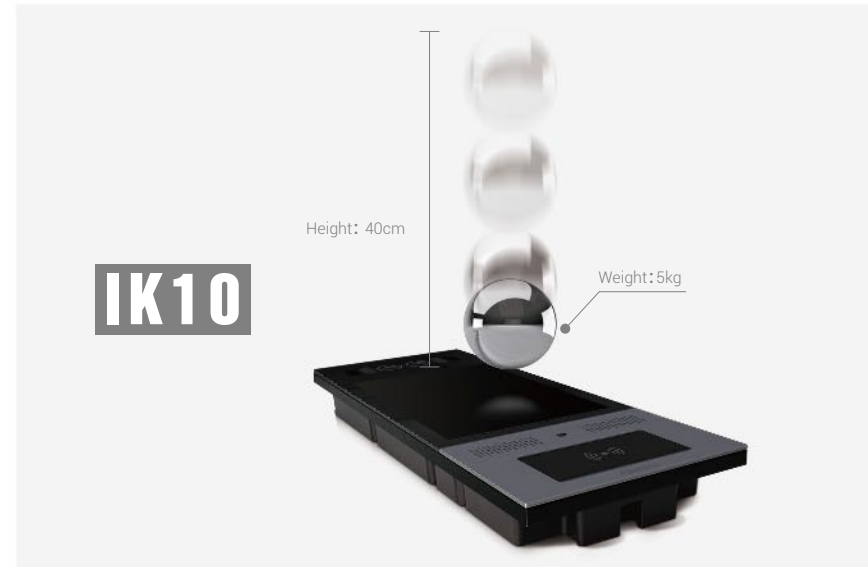
X912

Vandal-resistant Door Phone
for High-end Buildings

Akuvox X912S

Vandal-resistant Door Phone for High-end Buildings

- Vandal-resistant body, fully compliant with the IK09 Rating
- 4" full-color touch display providing ultra-wide viewing angles
- Multi-way access feature including face ID, cards, PIN, BLE, QR codes & wave-to-unlock
- 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
- Slim design for limited installation space

Linux   Onvif®   Wiegand

PoE+   IP65   IK09

Weight: 5kg

Height: 20cm

IP65

IK09
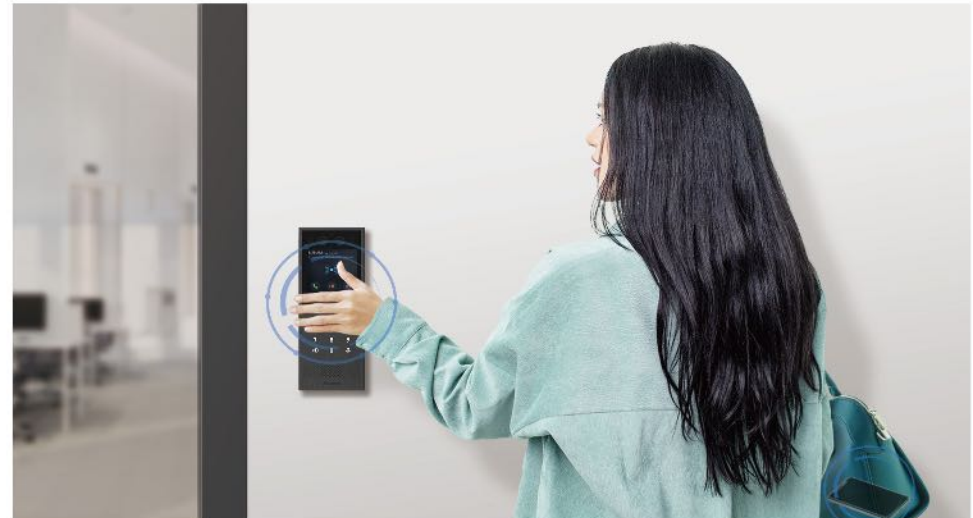
Akuvox R29

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 ℃ to 55 ℃) available
- Support plasterboard installation
- Black color version available

📱 **Android 5.1**   **ONVIF**®   **Wiegand**

🔌 **PoE**   **IP65**   **IK06**

Akuvox E18

7" Face Recognition Door Phone

- Building retrofitting-friendly
- User-familiar access control
- Hassle-free management

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)

| Linux | Onvif® | Wiegand |
| PoE | IP65 |
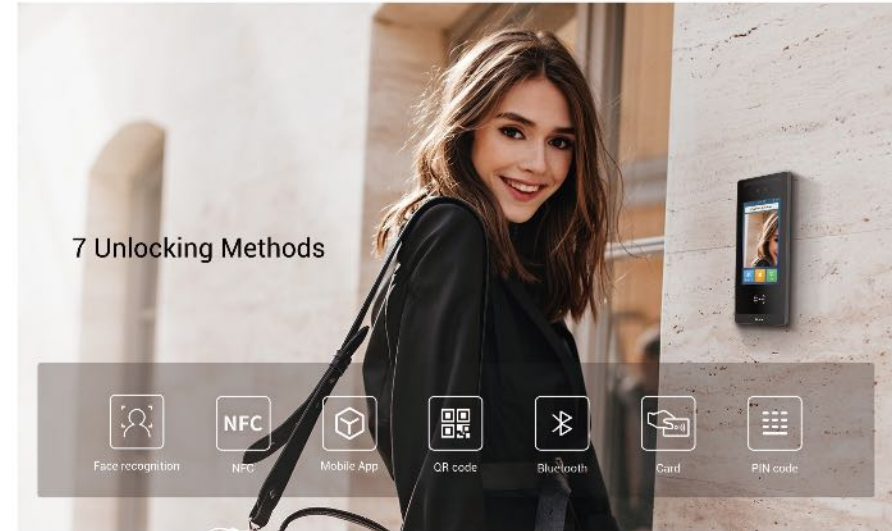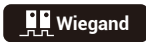
E12

Smart Video Door Phone

Compact, Stylish and Versatile,
Perfect for Every Front Door
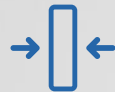
Space-efficient	IP65 rating	Smart home integration
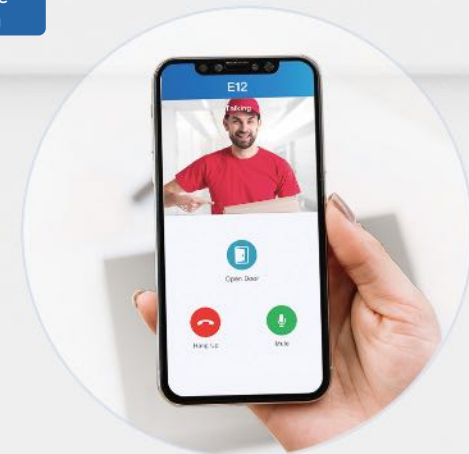
Akuvox E12

Compact SIP Video Door Phone

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

Linux   Onvif®   Wiegand

PoE   IP65
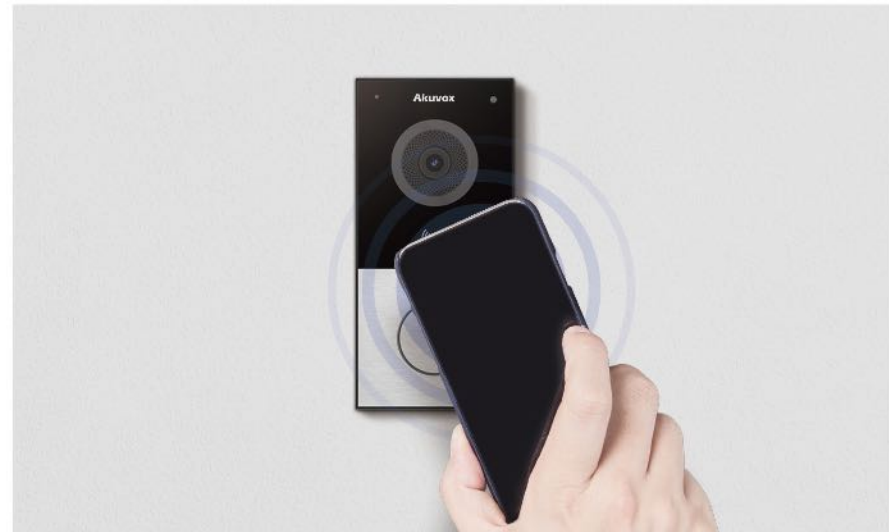
Akuvox X916S

**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
- Cold-resistant (-40 ℃ to 55 ℃)

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 ℃ to 55 ℃) 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 Cancel 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 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 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

X933

Luxury Smart Indoor Monitor
Perfect for Your Home

Italian Industrial
Design

AI-powered Voice
Assistant

Smart Home
Integration

Akuvox X933

Android Indoor Monitor for Smart Home Solution

- 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

Android 9.0   **PoE**
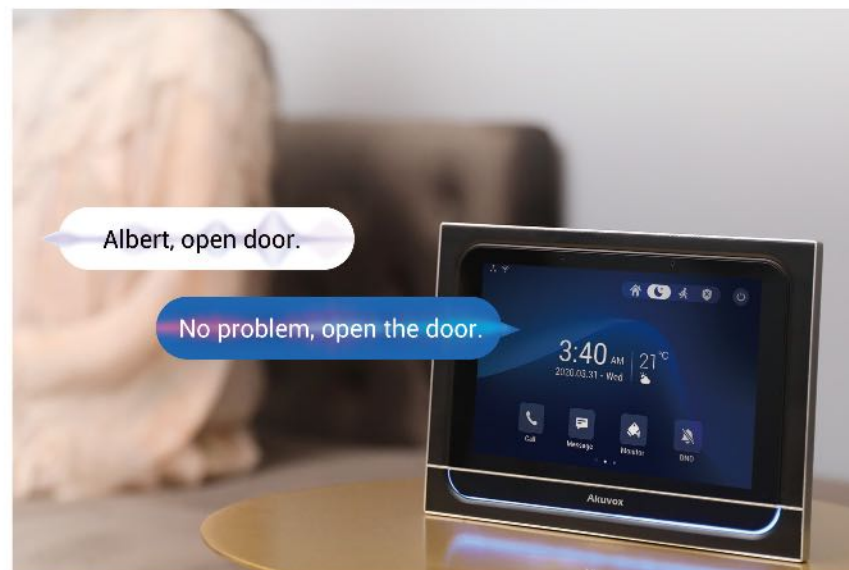
Smart Indoor Monitor Specially Designed for Older Individuals

- AI-powered Voice Assistant
- Work with Telecare Pendants
- Built-in SIP Server

▲ C319

Akuvox C319

Android Indoor Monitor for Smart Home Solution

- 10" capacitive touch screen IPS LCD
- Optional 1MP camera
- 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)

Android 9.0　　**PoE**

Akuvox IT83

**Android Indoor Monitor
for Smart Home Solution**

- 10" touch screen with 1280 x 800 resolution
- Eight-channel inputs and two built-in relays
- Support 3rd-party apps
- Optional 1MP camera
- Built-in SIP PBX function
- Desk mount available

Akuvox IT82

WORKS WITH alexa

**Android Indoor Monitor
for Smart Home Solution**

- 7" touch screen with 1024 x 600 resolution
- Five programmable pushbuttons
- Eight-channel inputs and one built-in relay
- Support 3rd-party apps
- Optional 1MP camera
- Optional RF 433/869 application

Disclaimer: Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Akuvox C315

**Android Indoor Monitor
for Smart Home Solution**

- 7" touch screen with 1024 x 600 resolution
- Eight-channel inputs and one built-in relay
- Support 3rd-party apps
- White color housing available
- Optional RF 433/869 application

Akuvox C313

Budget-friendly Indoor Monitor

- 7" touch screen with 800 x 480 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 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: 110º (H), 58º (V)
- IC/ID card reader embedded
- Two-way audio communication over IP networks with echo cancellation & noise suppression
- H.264 video compression

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 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 for remote door opening
- 2MP camera with privacy shutter
- Built-in Bluetooth, USB, and Wi-Fi
- Support 3rd-party apps

SMART ACCESS CONTROL SOLUTIONS

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

Cloud-based access control

Time & attendance
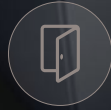
Multiple verification methods
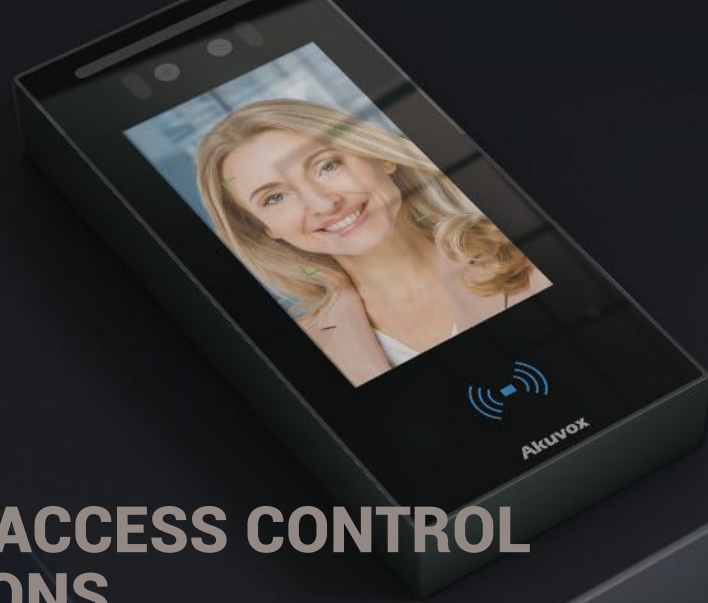
Akuvox A03S

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**
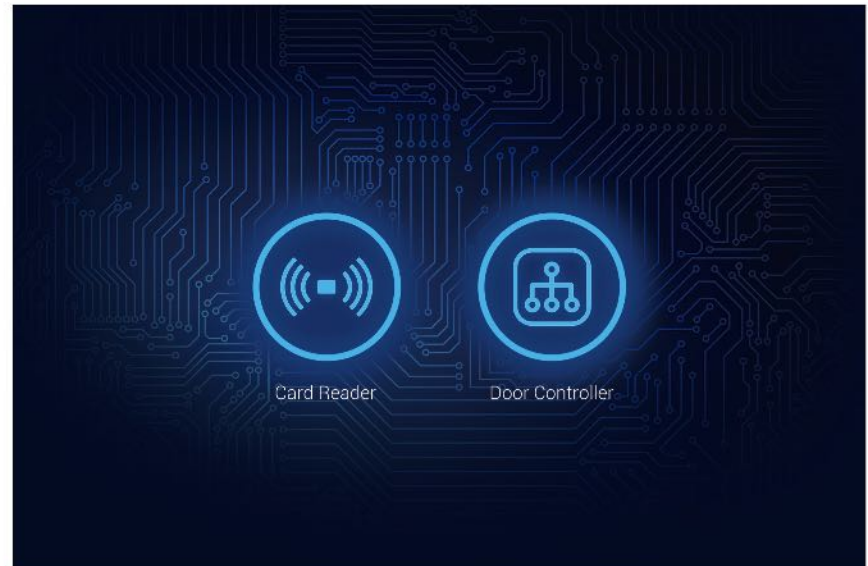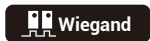
Akuvox A05

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 A092S

2 Door Controller

Support 4 port interfaces for Wiegand readers

Support 2 port interfaces for input

Support 2 port interfaces for relay out

Backlit function icons

Support backup battery (battery not supplied)

Support RS485, OSDP, and Wiegand protocols

Support tamper-proof alarm

Support up to 50,000 cards and 100,000 card event logs

Akuvox SmartPlus

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

GET IT ON Google Play   **Download on the App Store**
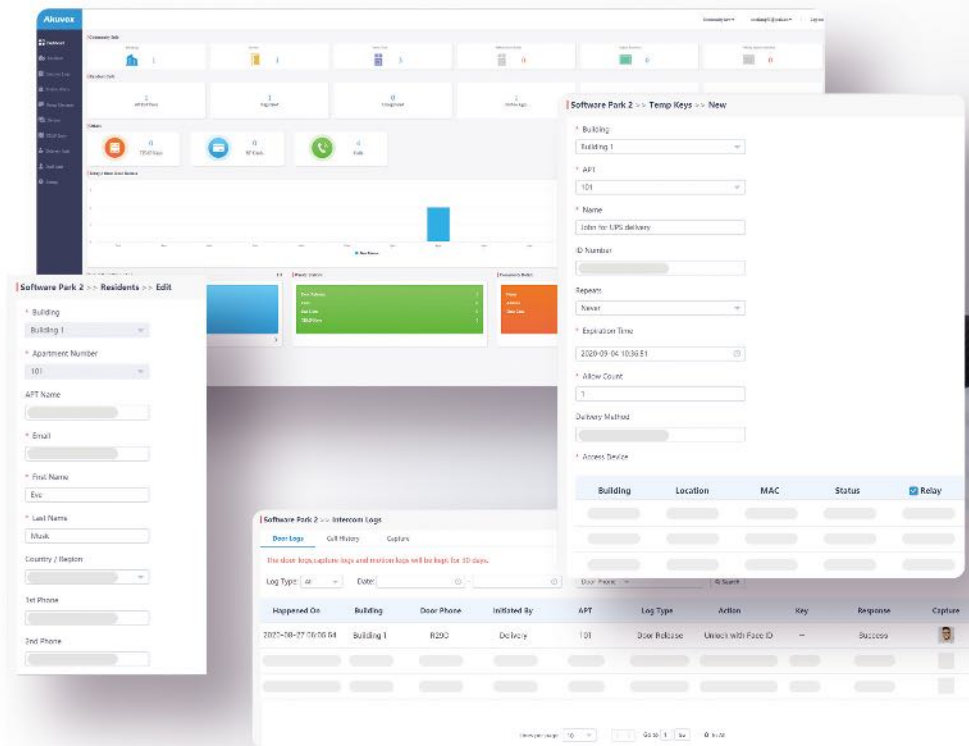
Property Management Portal

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

39
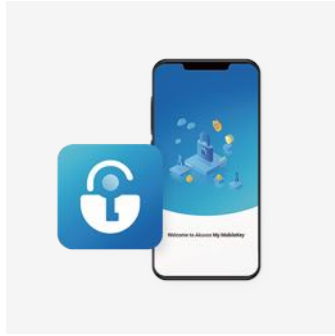
Akuvox My MobileKey

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
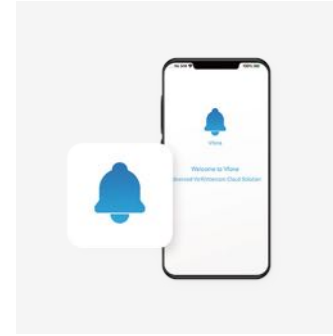
Akuvox Vfone

SIP Softphone App for Intercoms

- Audio or video call
- Remote door unlocking
- Offline push notification
- Compatible with mainstream SIP servers
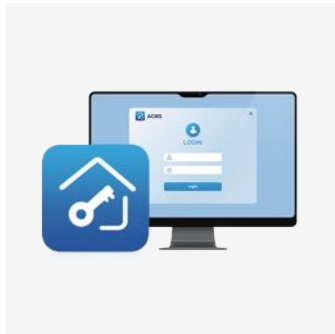
Akuvox ACMS

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

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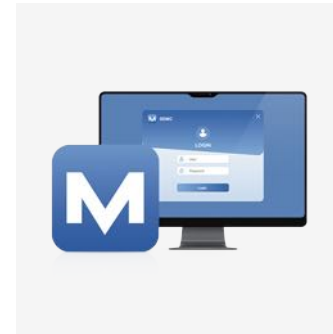
Akuvox SDMC

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
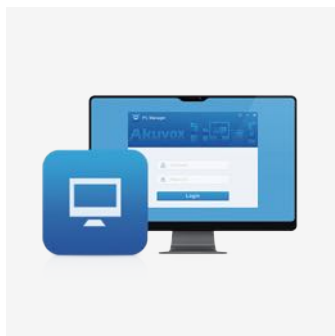
Akuvox PC Manager

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

Management platform:
- Remote system maintenance

Akuvox SmartPlus

Public facilities

SIP-based phones

Apartment:
- Home automation integration
- Elevator control

X933

Apartment door :
- Access control
- Entrance monitoring

E11R

Building elevator:
- Elevator control

A05S

Public space:
- Emergency call

E21A

Building entrance:
- Access control
- Elevator control

X915S

On vacation or in the office:
- Video call, remote door unlocking, etc.

SmartPlus App

Guard office

R49G

Store

R49G

Community entrance
- Access control

X916S

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 : Vfone 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
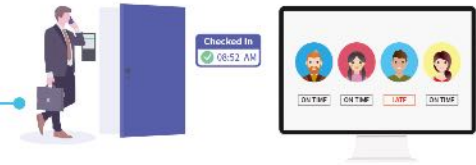
Integration with time & attendance systems

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: IT83

24-hour service center

Designated family members

Convenience for Daily Life

Home: IT83

Use a telecare pendant to unlock doors for visitors remotely

Home: IT83

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

Police office: R49G
- Video communication
- Video surveillance

Roaming guard: Vfone App
- Video call
- Offline push notification

Alarm center

Integration with VMS

Public space: E21V
- Emergency calling
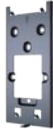
Model	X916S	X915S	X912S	R29C	R29C-L	R29C-B	R28A	R27A
Image								
On-Wall Mounting	X9165BB	X915XS		R29XS	R29XS	R29XS	R27R28XS	R27R28XS
In-Wall Mounting	X916FBB	X915XF		R29XF	R29XF	R29XF	R27R28XF	R27R28XF
Optional Rain Cover	X916RH	382915	382912	R29XRH	R29XRH	R29XRHB	R28RH	R27RH
Optional Desktop Stand								

Model	R20K	R20B5	R20A	E18C	E16C	E12	E11R	E21V
Image								
On-Wall Mounting	R20KS	R20B5S	R20AS					
In-Wall Mounting	R20KF	R205F	R20AF					E21XF
Optional Rain Cover	R20KH	R20KH	R20AH		E16/A05H			E21XS E21XSBLK E21H
Optional Desktop Stand								

Model	E21A							
Image								
On-Wall Mounting								
In-Wall Mounting	 E21XF							
Optional Rain Cover	 E21XS E21XSBLK E21H							
Optional Desktop Stand								

Model	X933	IT83	C319	IT82	C315	C313	R49G	
Image								
On-Wall Mounting								
In-Wall Mounting								
Optional Rain Cover								
Optional Desktop Stand		ITC10	ITC10					

Model	R20A-2	C313W-2	NS-2					
Image								
On-Wall Mounting	 R20A-2S							
In-Wall Mounting	 R20A-2F							
Optional Rain Cover	 R20AH							
Optional Desktop Stand								

Model	A05	A03S	A02S	A01S	A092S			
Image								
On-Wall Mounting								
In-Wall Mounting								
Optional Rain Cover	E16/A05H							
Optional Desktop Stand								

Model	X916S	X915S	X912S	R29C	R29C-L	R29C-B	R28A	R27A
Image								
Display	13"	8"	4"	7"	7"	7"	4.3"	128 x 32 dots
Touch Screen	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Front Panel	Stainless steel	Stainless steel	Stainless steel	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
PoE	PoE+	PoE+	PoE+	Yes	Yes	Yes	Yes	Yes
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	Android	Android	Linux	Android	Android	Android	Linux	Linux
Camera	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wi-Fi	No	No	No	No	No	No	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Biometric Access	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Detection	No	No	No	No	No	Yes	No	No
LTE	No	No	No	No	Yes	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
3rd-party Apps	Yes	Yes	No	Yes	Yes	Yes	No	No

Model	R20K	R20B	R20A	E18C	E16C	E12	E11R	E21V
Image								
Display	No	No	No	7"	5"	No	No	No
Touch Screen	No	No	No	Yes	Yes	No	No	No
Front Panel	Aluminum alloy	Aluminum alloy	Aluminum alloy	Plastics	Plastics	Plastics	Plastics	Stainless steel
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	Linux	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Camera	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wi-Fi	No	No	No	No	No	Optional	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Biometric Access	No	No	No	Yes	Yes	No	No	No
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Temperature Detection	No	No	No	Optional	Optional	No	No	No
LTE	No	No	No	Optional	No	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	–	IP65
3rd-party Apps	No	No	No	No	No	No	No	No

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

Model	X933	IT83	C319	IT82	C315	C313	R49G	
Image								
Display	7"	10"	10"	7"	7"	7"	7"	
Touch Screen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Front Panel	Plastics	Aluminum	Plastics	Aluminum	Plastics	Plastics	Plastics	
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Operating System	Android	Android	Android	Android	Android	Linux	Android	
Camera	No	Optional	Optional	Optional	No	No	Yes	
ONVIF	-	-	-	-	-	-	-	
Wi-Fi	Optional	Optional	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	For indoor	For indoor	
3rd-party Apps	Yes	Yes	Yes	Yes	Yes	No	Yes	

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

Model	A05	A03S	A02S	A01S	A092S			
Image								
Display	5"	No	No	No	No			
Touch Screen	No	No	Yes	No	No			
Front Panel	Plastics	Toughened glass	Toughened glass	Toughened glass	SGCC			
PoE	Yes	Yes	Yes	Yes	No			
SIP	No	No	No	No	No			
Operating System	Linux	Linux	Linux	Linux	Linux			
Camera	Yes	No	No	No	No			
ONVIF	Yes	No	No	No	No			
Wi-Fi	No	No	No	No	No			
PIN / Card Entry	Yes	Yes	Yes	Yes	No			
Biometric Access	Yes	No	No	No	No			
Wiegand	Yes	Yes	Yes	Yes	Yes			
Temperature Detection	Optional	No	No	No	No			
LTE	No	No	No	No	No			
IP Rating	IP65	IP65	IP65	IP65	No			
3rd-party Apps	No	No	No	No	No			

Akuvox

Open A Smart World

Design
Supply
Support