

# Smart Intercom Catalogue

# Akuvox



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- Part of a \$1.6-Billion International Group

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# Akuvox

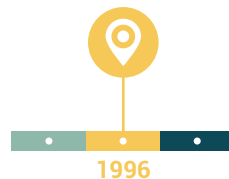


## Global Leading Innovator of Smart Intercom

Akuvox is a global leading provider of Smart Intercom 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.

## Part of Star-net

Akuvox is part of Star-net, a \$1.6-billion international group which is a leading ICT solution provider in China.



**Established in 1996**



**\$1.6 Billion Annual Revenue**



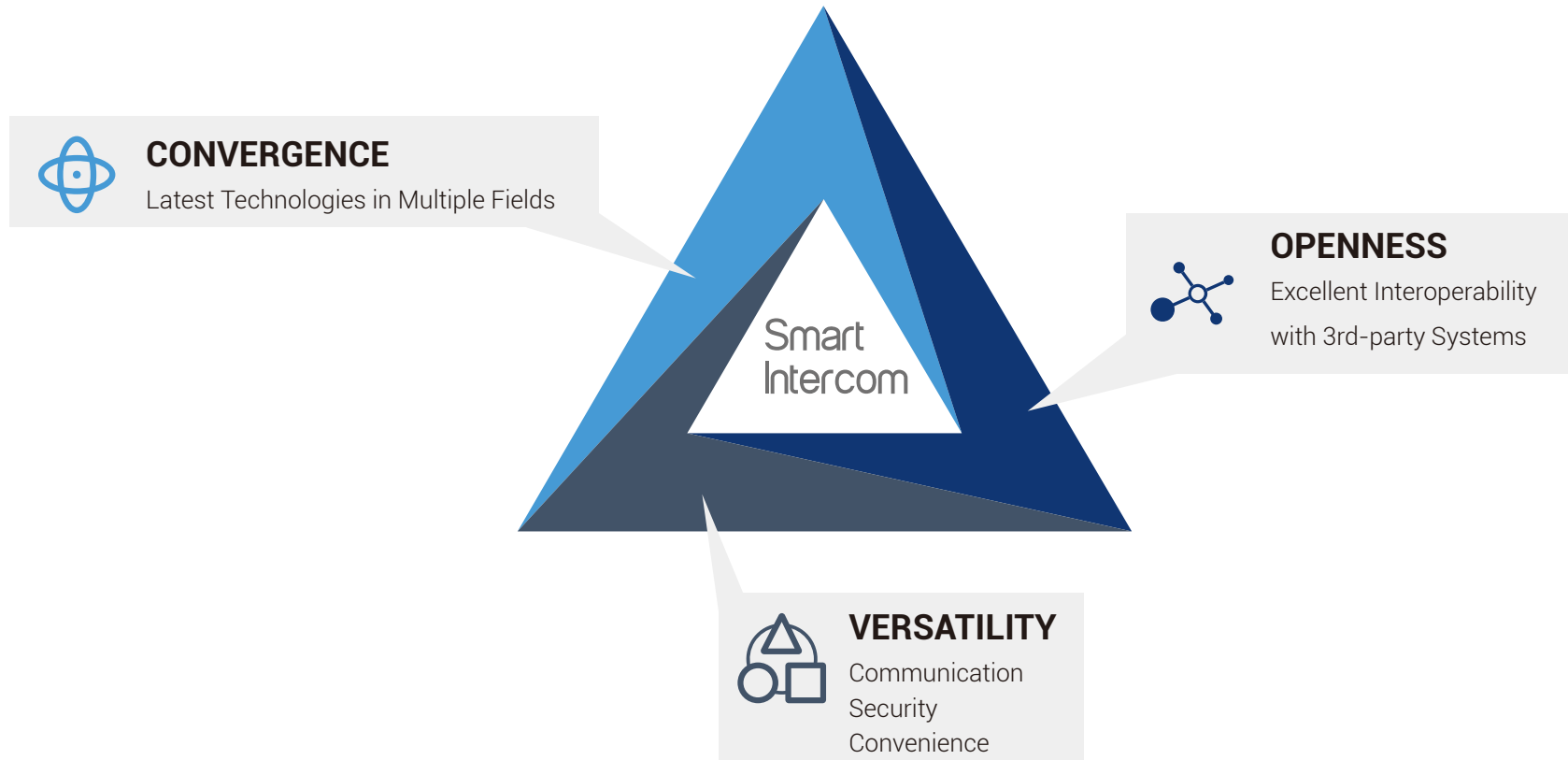
**4000+ R&D Engineers**



**70,000+ m<sup>2</sup> Manufacture Base**

# 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-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 indoor monitors. The voice data are processed directly on the device, which is faster and securer compared with an online method.



### **Fall detection**

Exploring the synergy of image recognition technique and neural network machine learning, Akuvox empowers intercoms to increase in-home safety for older people.



# Smart Intercom Technologies-Cloud

## Smart Intercom as a Service (SlaaS)

### Easy-to-use intercom app for end users

- Video calling and remote door unlocking
- Video preview and live view
- Issue time-limited QR code keys and guest PINs
- Door unlocking via Bluetooth
- Offline push notification



### Productivity boost for property managers

- Manage all properties centrally and remotely from a web browser, for example creating new app accounts for residents
- Access to time-and-date stamped photos of all door entries
- Assign time-limited PINs to delivery people



# Smart Intercom Technologies-Android

## Home Automation Integration

The openness of Android enables Akuvox indoor monitors to integrate an application for automated home control. With only one screen, homeowners can enjoy both home automation services and intercom features.

The easy-to-navigate Android UI offers great user experience. It is also open to deep customization to meet diverse requirements.

Akuvox smart intercom has been proven to be fully interoperable with top home automation brands, including Control4, Zipato, RTI, iRidium, Core and LifeSmart. The list is ongoing.



# Smart Intercom Technologies-SIP & Security

## Better Communication

Akuvox intercom is based on SIP, a universal IP communication protocol, allowing to build a large communication system.

- Premium audio and video quality
- Communication between any SIP-supporting systems
- Work with mobile phones and landlines



## Greater Security

Smart intercom is able to not only connect with various alarm sensors like smoke detectors for greater home security, but also communicate and interact intelligently with common security systems including video surveillance, VMS and building alarm systems.



# Welcome to Smart Intercom Family



## Akuvox R29C

### World's First Facial Recognition Android Doorphone

- 7" capacitive touch screen supporting glove mode
- Aluminum panel
- Dual camera: one 120° wide-angle 3MP camera with IR and an auxiliary 5MP camera
- Support multiple access control methods: facial recognition, NFC, 13.56MHz and 125kHz access cards
- Anti-cold version (-40 °C to 55 °C) available
- Support plasterboard installation



For on-wall mounting



For in-wall mounting





## Akuvox R28A

### SIP Video Doorphone 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
- Anti-cold (-40 °C to 55 °C)



For on-wall mounting



For in-wall mounting



## Akuvox R26B

### SIP Video Doorphone with Access Control

- Premium audio and video quality
- Aluminum panel
- Five buttons with name plate
- 116° wide-angle 2MP camera with automatic lighting
- Support NFC, 13.56MHz and 125kHz access cards



For on-wall mounting



# Doorphone



## Akuvox R27A

### SIP Video Doorphone 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 R26P

### SIP Video Doorphone

- Premium audio and video quality
- Aluminum panel
- 116° wide-angle 2MP camera with automatic lighting



## Akuvox R26C

### SIP Video Doorphone with Access Control

- Premium audio and video quality
- Aluminum panel
- 116° wide-angle 2MP camera with automatic lighting
- Support NFC, 13.56MHz access cards



## Akuvox R20A

### Compact SIP Video Doorphone

- Premium audio and video quality
- 120° wide-angle 3MP camera with automatic lighting
- Support NFC, 13.56MHz and 125kHz access cards
- Ideal for environments with limited space





## Akuvox R23C

### SIP Doorphone with Access Control

- Premium audio quality
- Aluminum panel
- Support NFC, 13.56MHz access cards



Wiegand



PoE



IP65



## Akuvox R23P

### Simplest SIP Doorphone

- Premium audio quality
- Aluminum panel



Wiegand



PoE



IP65



## 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



ONVIF



PoE



IP65



## Akuvox E21A

### SIP Emergency Intercom

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



IK10



PoE



IP65



## Akuvox X916



### World's First Android Doorphone with Starlight Camera

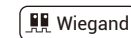
- 13" capacitive touch screen
- 316 grade stainless steel panel
- Dual camera
- Dual-microphone for noise reduction
- Support multiple access control methods: facial recognition, NFC, 13.56MHz and 125kHz access cards



For on-wall mounting



For in-wall mounting



## Akuvox R20K

### Compact SIP Video Doorphone with Numeric Keypad

- Premium audio and video quality
- 120° wide-angle 3MP camera with automatic lighting
- Support NFC, 13.56MHz and 125kHz access cards
- Ideal for environments with limited space

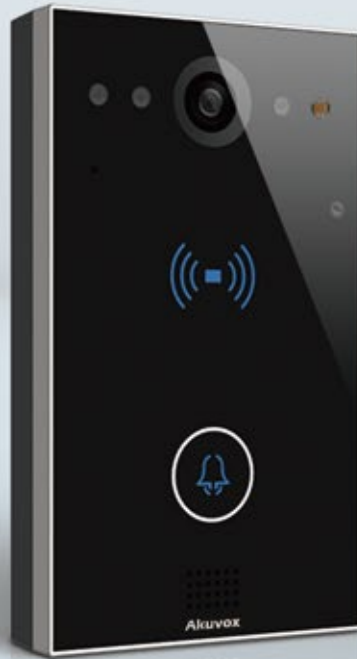


For on-wall mounting



For in-wall mounting





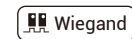
## Akuvox E11R

### Compact SIP Video Doorphone

- 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 on-wall mounting



## Akuvox IT83 / Akuvox C317

### Android Indoor Monitor for Smart Home Solution

- 10" touch screen with 1280 x 800 resolution
- 8 channel inputs and 2 embedded relays
- Support 3rd-party apps
- Optional 1MP camera
- Built-in SIP PBX function
- Desktop mount available



For on-wall mounting



Optional desktop stand





## Akuvox C312A

### Touchscreen Audio Indoor Monitor

- Touchscreen numerical keypad
- 2.23" OLED display
- Built-in Wi-Fi (2.4GHz, IEEE802.11 b/g/n)
- Built-in Bluetooth V4.2(HS)
- Doorbell button support
- Magnetic bracket installation



For on-wall mounting





## Akuvox IT82



### Android Indoor Monitor for Smart Home Solution

- 7" touch screen with 1024 x 600 resolution
- 5 programmable pushbuttons
- 8 channel inputs and 1 embedded relay
- Support 3rd-party apps
- Optional 1MP camera
- Optional RF 433/869 application



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## Akuvox C315

### Android Indoor Monitor for Smart Home Solution

- 7" touch screen with 1024 x 600 resolution
- 8 channel inputs and 1 embedded 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
- 8 channel inputs and 1 embedded relay
- White color housing available
- Optional RF 433/869 application



# Android IP Video Phone



## Akuvox R48G

### Android IP Video Phone

- 7" touch screen with 1024 x 600 resolution
- 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

 Android 5.1

 PoE



## Akuvox SmartPlus

### Cloud-based Intercom App

- Video calling and remote door unlocking
- Video preview and live view
- Issue time-limited QR code keys and guest PINs
- Door unlocking via Bluetooth
- Offline push notification



## Akuvox Vfone

### SIP Softphone App for Intercom

- Audio/video calling
- Remote door unlocking
- Offline push notification
- Compatible with mainstream SIP servers



## 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 FacePro

### PC-based Software for Facial Data Management

- Automatic R29C device search and connection
- Facial image import or facial data capture
- Addition, modification and deletion of facial data for R29C
- Facial data syncing between R29C and the software
- One-click facial data sharing between different R29Cs



## Akuvox Sight

### PC-based SIP Softphone for Akuvox Intercom

- Multi-screen video monitoring
- Remote door unlocking
- Audio or video calling with intercom

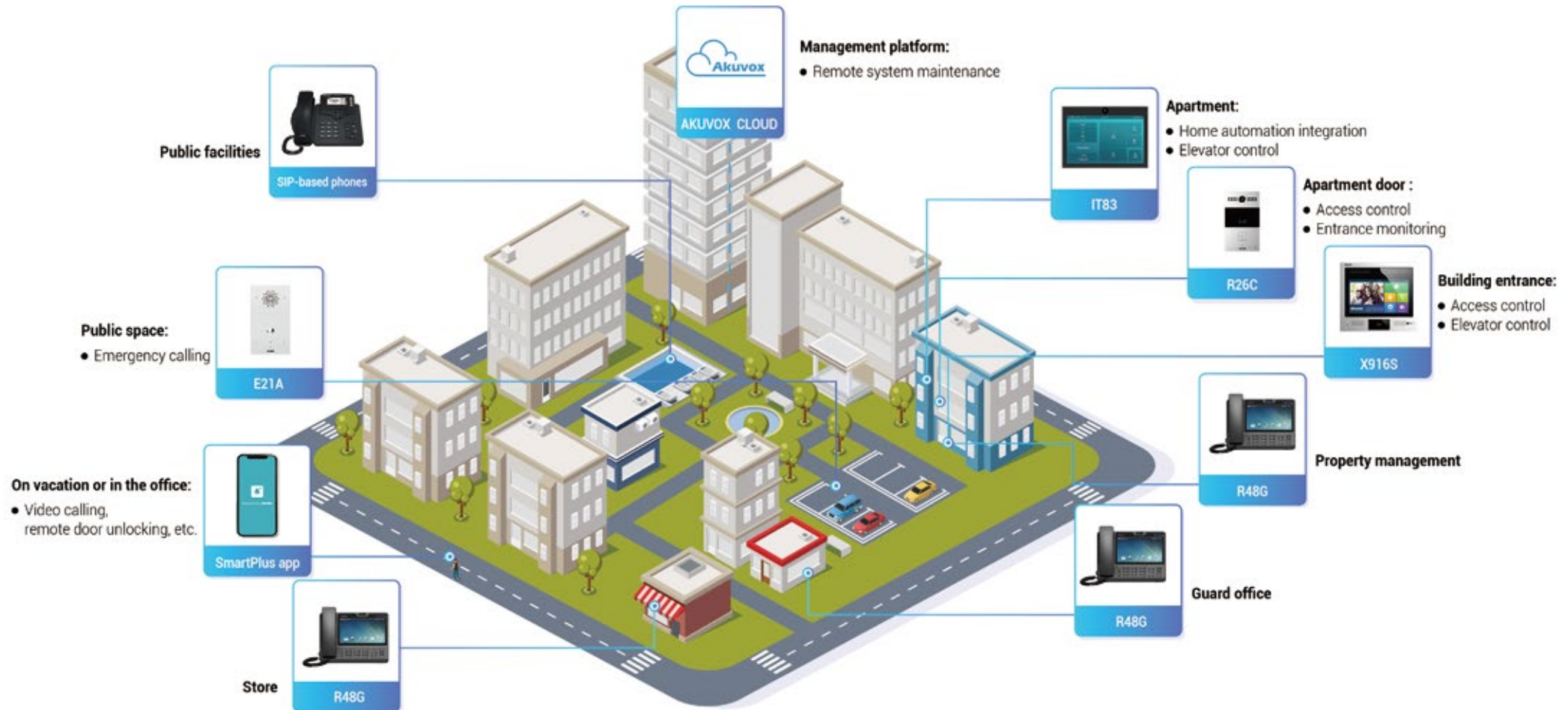
# Smart Intercom Solution for RESIDENTIAL

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

## Highlights of Akuvox Smart Intercom Solution

- Build a large community-wide communication system
- Work with mobile phones and landlines
- Integrate home automation, video surveillance and property management systems
- Control elevator to allow visitors to access the authorized floor only or send an empty elevator to an assigned floor
- App-based features, including video calling, remote door unlocking, alarm push notifications and messages from the property management
- Remote system maintenance via a web browser

# Solution Overview



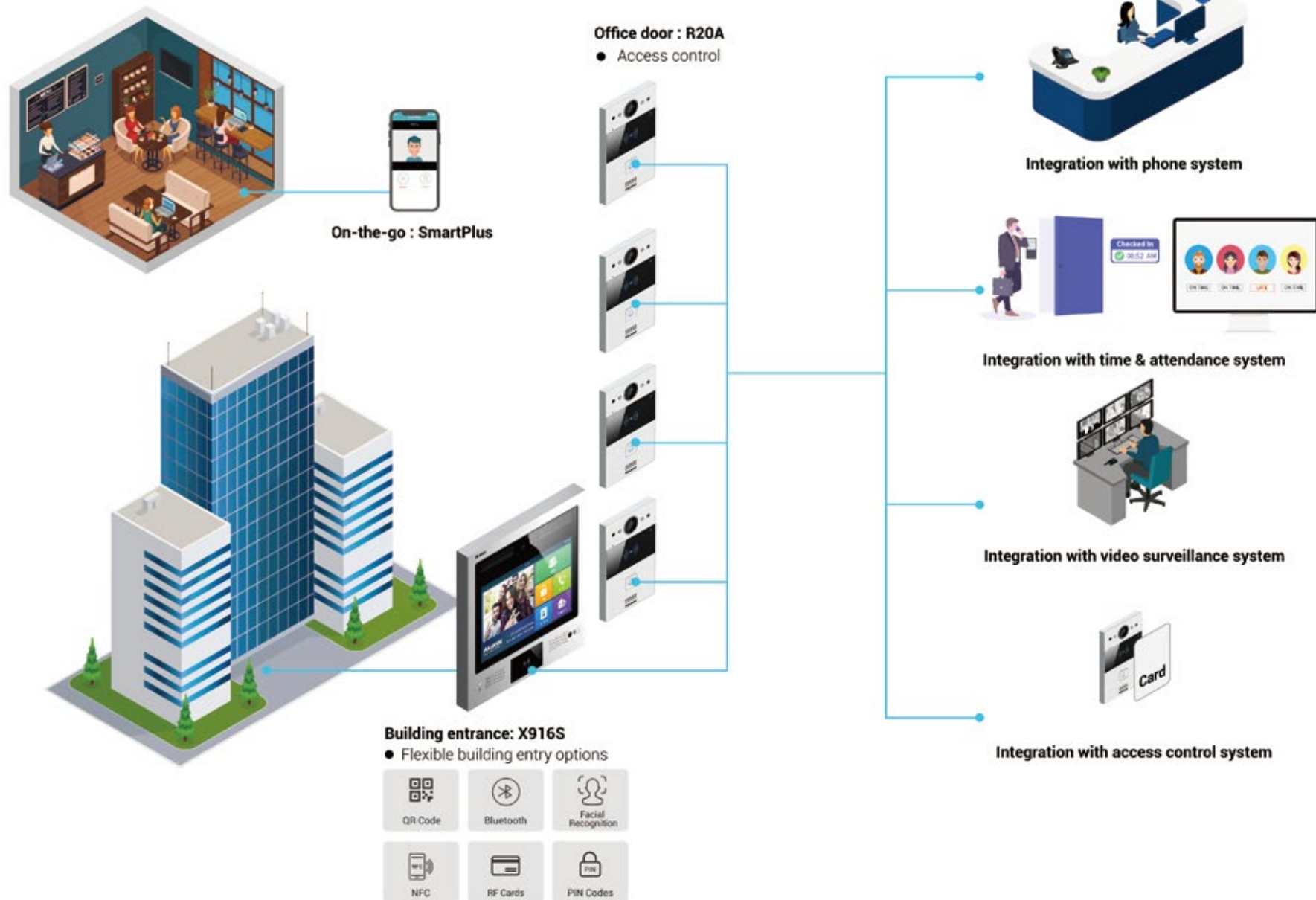
# Smart Intercom Solution for COMMERCIAL

Due to rapid changes in the global economy, enterprises need to overcome more business challenges such as improving competitiveness, reducing costs and enhancing productivity. With the objective of maximizing the potential growth of a business by integrating people and technology, the intercom technology has come into play.

## Highlights of Akuvox Smart Intercom Solution

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

# Solution Overview



# Smart Intercom Solution for ASSISTED CARE & HOSPITAL

As the worldwide population ages, the healthcare system of every country faces significant challenges. Safety, trust and security are the key contributing factors to the health and wellbeing of older people, whether in their own homes or being taken care of in a care home.

## Highlights of Akuvox Smart Intercom Solution

- Converge latest technologies, including SIP, Android and AI
- Easy-to-use system specially designed for older people
- 100% transmission of SOS signal to service centers with < 10 seconds SOS signal delay
- Telecare pendant for making emergency calls and unlocking doors remotely 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 with new features

# Solution Overview

## Seek Help in an Emergency

Christina,  
help, help, help!



Use the voice to issue  
an emergency call



Use a telecare pendant to  
make an emergency call



Automatic alerts raising  
when an alarm sensor  
is activated

Akuvox  
indoor monitor



24-hour service center



Designated family members

## Convenience for Daily Life



Use a telecare pendant to  
unlock doors for visitors remotely



Answer the call from a door phone  
remotely 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 gains significance. To protect people, assets and property in the public space, there is an urgent need for advanced intercom technologies to react to situations in progress and manage everyday operations, public events, and emergency situations.

## 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 line to alarm centers or security guards on patrol

# Solution Overview

## Alarm center: R48G

- Video communication
- Video surveillance



## Roaming guard with mobile app



## Public space: E21V






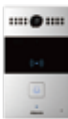




- Emergency calling

Accessories

Model	X916	R29C	R28A	R27A	R26B	R26C	R26P	R23C	R23P	R20A
Image										
On-Wall Mounting										
In-Wall Mounting										
Optional Desktop Stand										

R20K	E11R	E21V	E21A	IT83	C317	IT82	C315	C313	C312	R48G
 <div>NEW!</div>	 <div>NEW!</div>									
										
										
										

# Selection Guide

Model	X916	R29C	R28A	R27A	R26B	R26C	R26P	R23C	R23P	R20A
Image										
Display	13"	7"	4.3"	128 x 32 dots	No	No	No	No	No	No
Touch Screen	Yes	Yes	No	No	No	No	No	No	No	No
Front Panel	Stainless steel	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum alloy
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	Android	Android	Linux	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Camera	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Wi-Fi	No	No	No	No	No	No	No	No	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
Biometric Access	Yes	Yes	No	No	No	No	No	No	No	No
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
3rd-party Apps	Yes	Yes	No	No	No	No	No	No	No	No

# Selection Guide

R20K	E11R	E21V	E21A	IT83	C317	IT82	C315	C313	C312	R48G
										
No	No	No	No	10"	10"	7"	7"	7"	2.3"	7"
No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aluminum alloy	Plastics	Stainless steel	Stainless steel	Aluminum	Plastics	Aluminum	Plastics	Plastics	Plastics	Plastics
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Linux	Linux	Linux	Linux	Android	Android	Android	Android	Linux	Linux	Android
Yes	Yes	Yes	No	Optional	Optional	Optional	No	No	No	Yes
Yes	Yes	Yes	No	-	-	-	-	-	-	-
No	No	No	No	Optional	Optional	Optional	Optional	Optional	Optional	Yes
Yes	Yes	No	No	-	-	-	-	-	-	-
No	No	No	No	-	-	-	-	-	-	-
Yes	Yes	No	No	-	-	-	-	-	-	-
IP65	-	IP65	IP65	For indoor	For indoor	For indoor	For indoor	For indoor	For indoor	For indoor
No	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes



# Open A Smart World



## Akuvox



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