SPEX

SOLUTION PROVIDER EXPERT

Smart Intercom Catalogue

Akuvox

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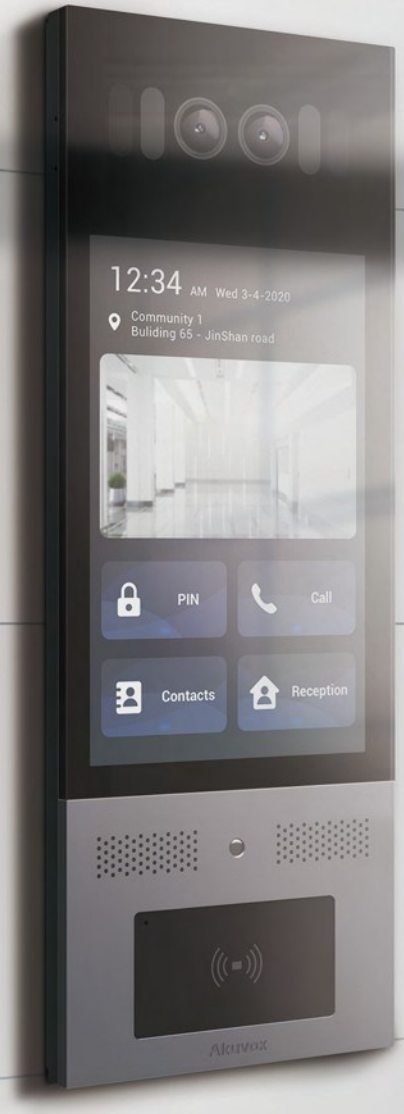
Akuvox



Smart Intercom
Catalogue

WWW.AKUVOX.COM

www.spex.mu

Smart Intercom
Products
www.spex.mu

X915

High-end Smart Door Phone for Luxury Buildings

German Industrial Design

IK10 Vandal Resistance Rating

AI-powered Facial Recognition

www.spex.mu

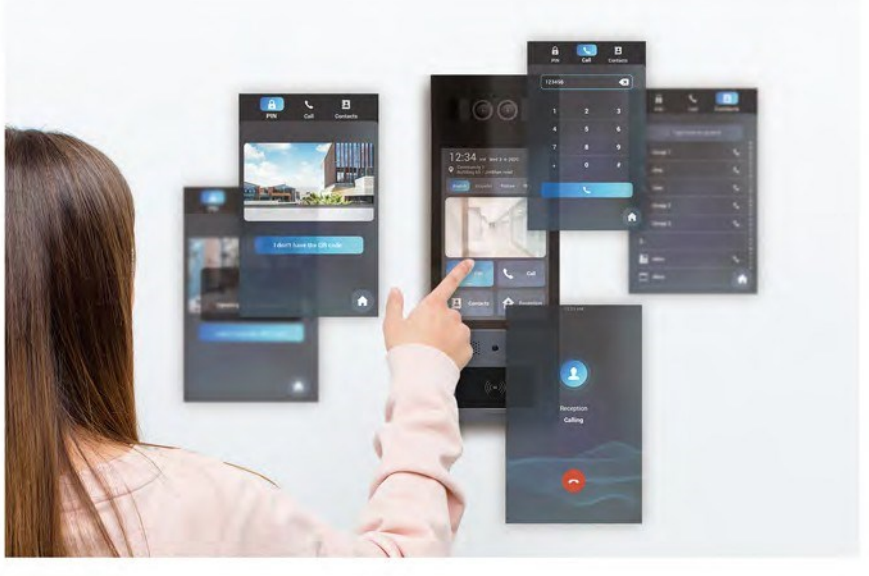
Akuvox X915S

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



Akuvox R29C

World's First Facial Recognition Android Door Phone

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

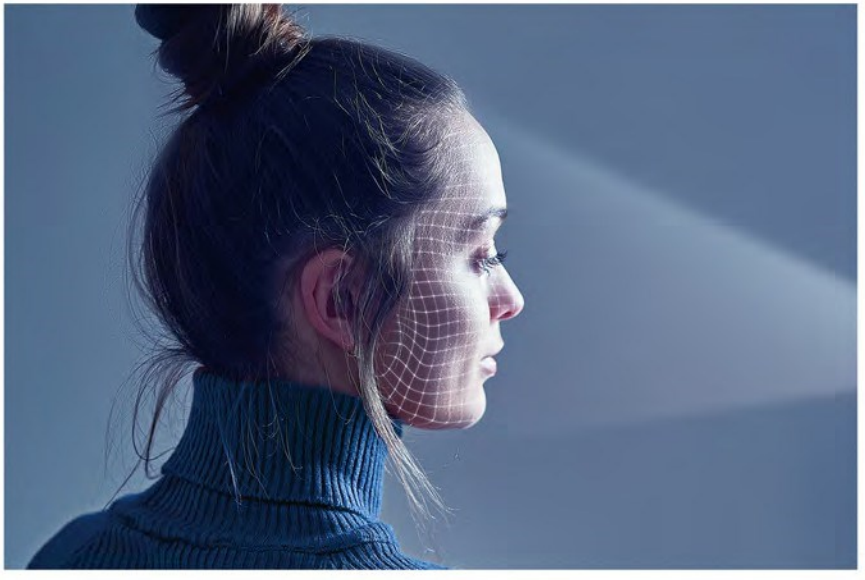
Akuvox R29C

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 versionavailable

Android 5.1 | Onvif | Wiegand

PoE | IP65 | IK06



E16 ▸

UPGRADE YOUR BUILDINGS WITH SMART DOOR PHONE ON A BUDGET

- Facial recognition
- Mobile access
- Temperature detection (optional)

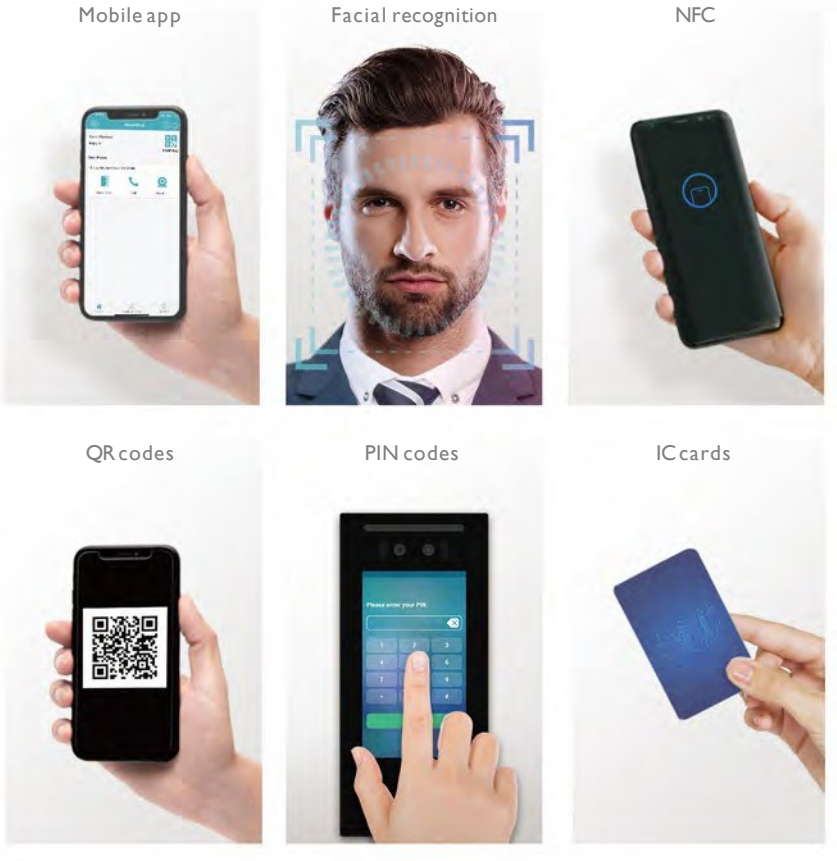
Akuvox E16C

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

Linux ONVIF Wiegand

PoE IP65



Akuvox X916

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 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

UPGRADE YOUR WORKPLACE
WITH SMART ACCESS CONTROL ON A BUDGET

- Facial recognition
- Mobile access
- Temperature detection (optional)

▲ A05

Akuvox A05S

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

Linux Onvif Wiegand PoE IP65

X933

Luxury Smart Indoor Monitor Perfect for Your Home

Italian Industrial Design

AI-powered Voice Assistant

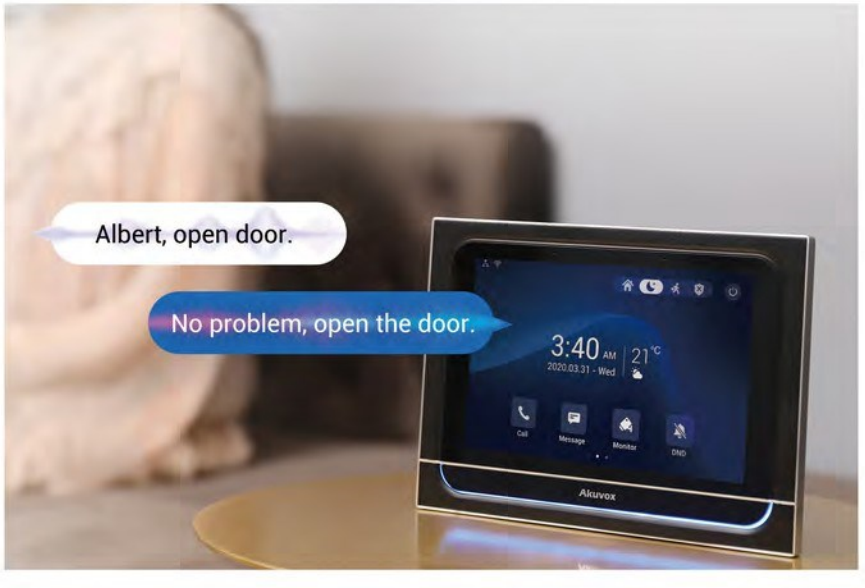
Smart Home Integration

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

▲ C317

Akuvox C317

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 offline voice assistant
- Built-in SIP PBX function
- Desk mount available

Android 6.0 PoE

▲ C315

Cost-effective but Smart Android Indoor Monitor

- Excellent Audio and Video Quality
- Smart Home Integration
- Slim and Compact Design

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

Android 6.0 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 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
- Optional RF 433/869 application

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

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 thecall

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

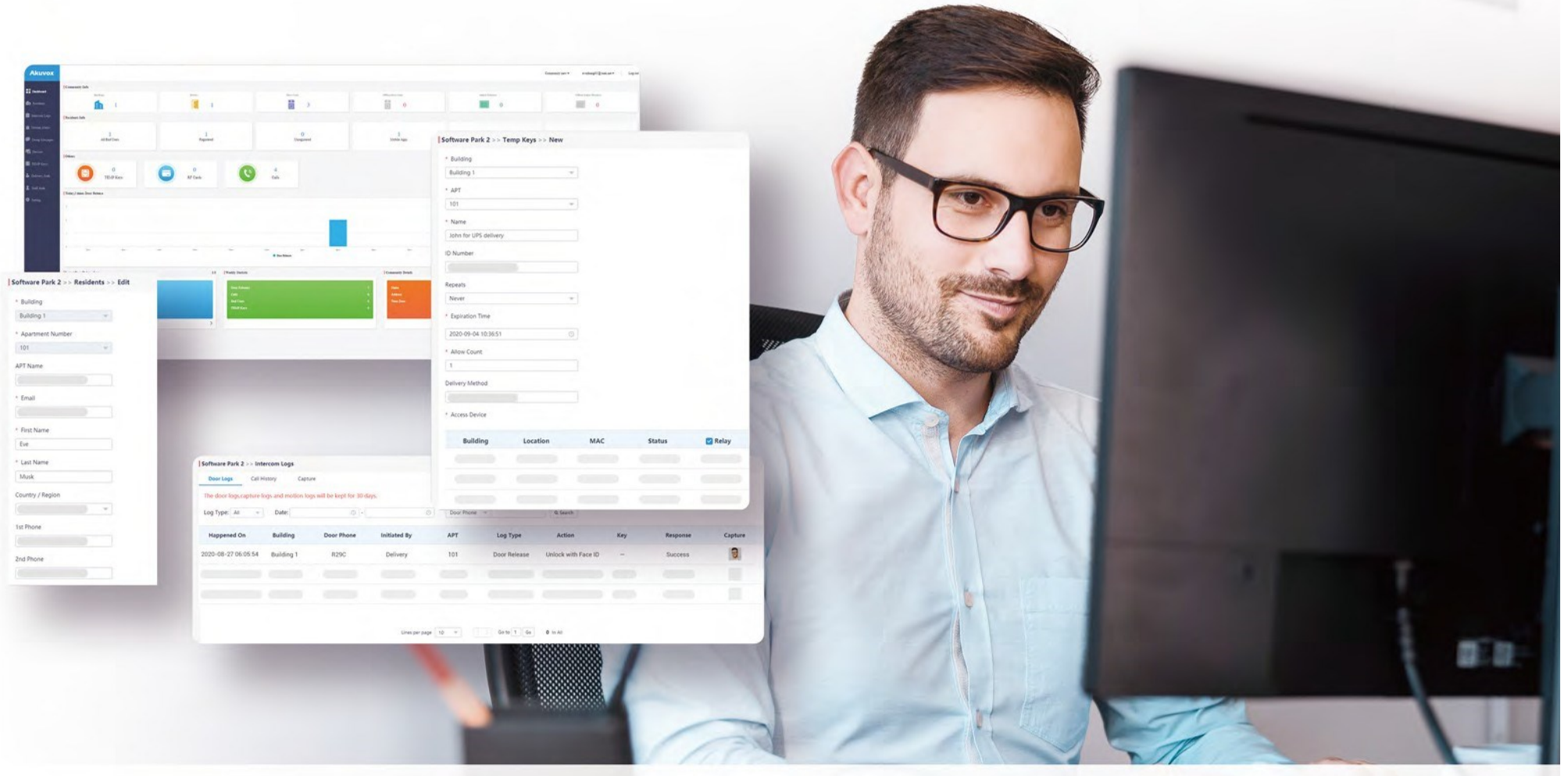
Virtual Key
Issue time-limited QR code keys and guest PINs

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

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 Sight

PC-based Intercom Software for Akuvox Intercoms

- Multi-screen intercom video monitoring
- Remote door unlocking
- Audio or video call

Akuvox Vfone

SIP Softphone App for Intercoms

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

Akuvox FacePro

PC-based Facial Data Management Software for Intercom Devices

- Automatic search and connection of intercom devices
- Facial image import or facial data capture
- Addition, modification, and deletion of facial data stored on devices
- Facial data synchronization between devices and the software
- One-click facial data sharing between different devices

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

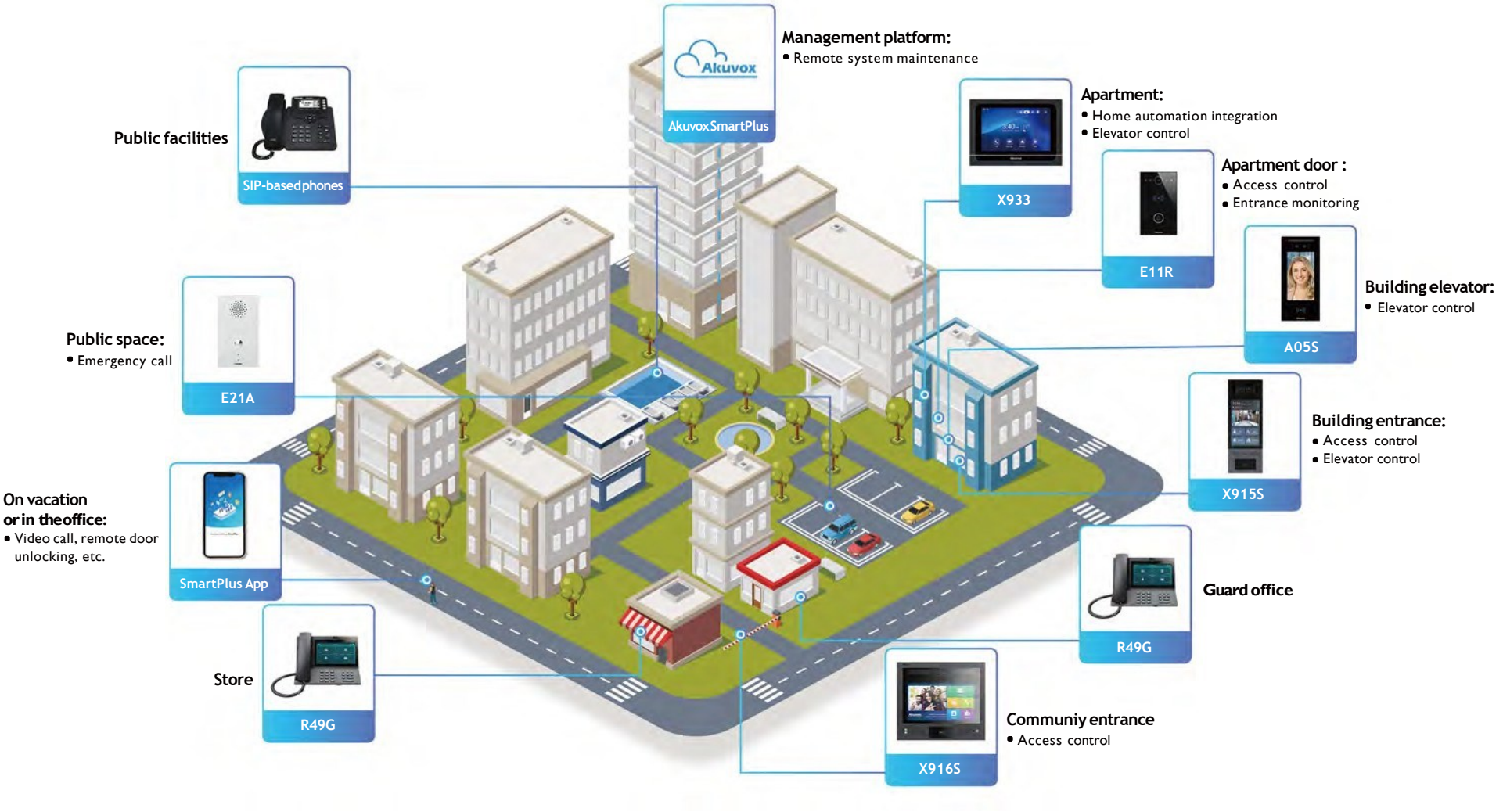
for RESIDENTIAL

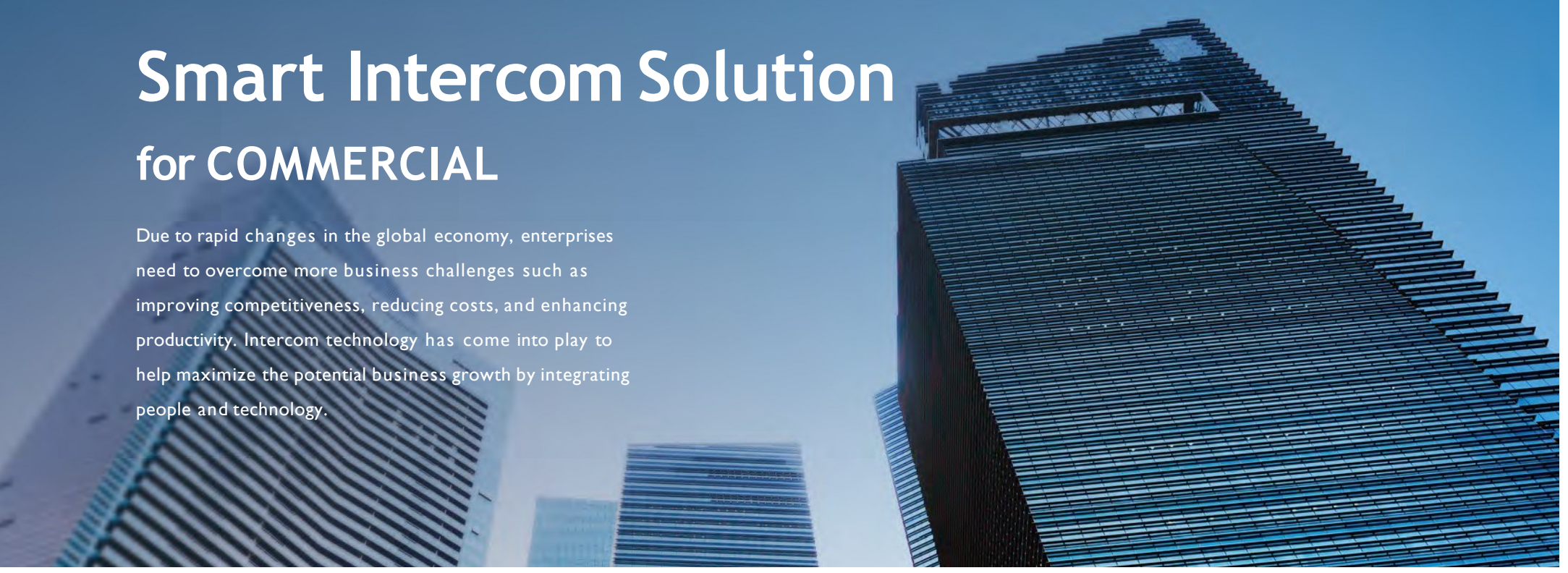
As the standard of living improves, there are higher security and convenience requirements for modern residential living. This has posed new challenges to the traditional intercom, which is monofunctional and antiquated or doesn't function.

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

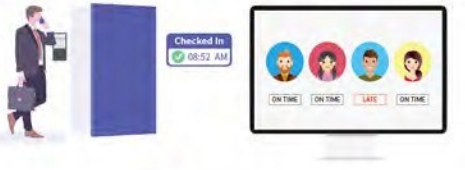
Solution Overview

On-the-go : Vfone App

Office door : R20A

- Access control

Integration with IP phonesystems



Integration with time & attendancesystems

Integration with video surveillance systems

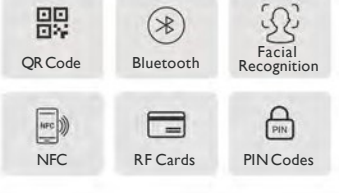
Integration with access controlsystems

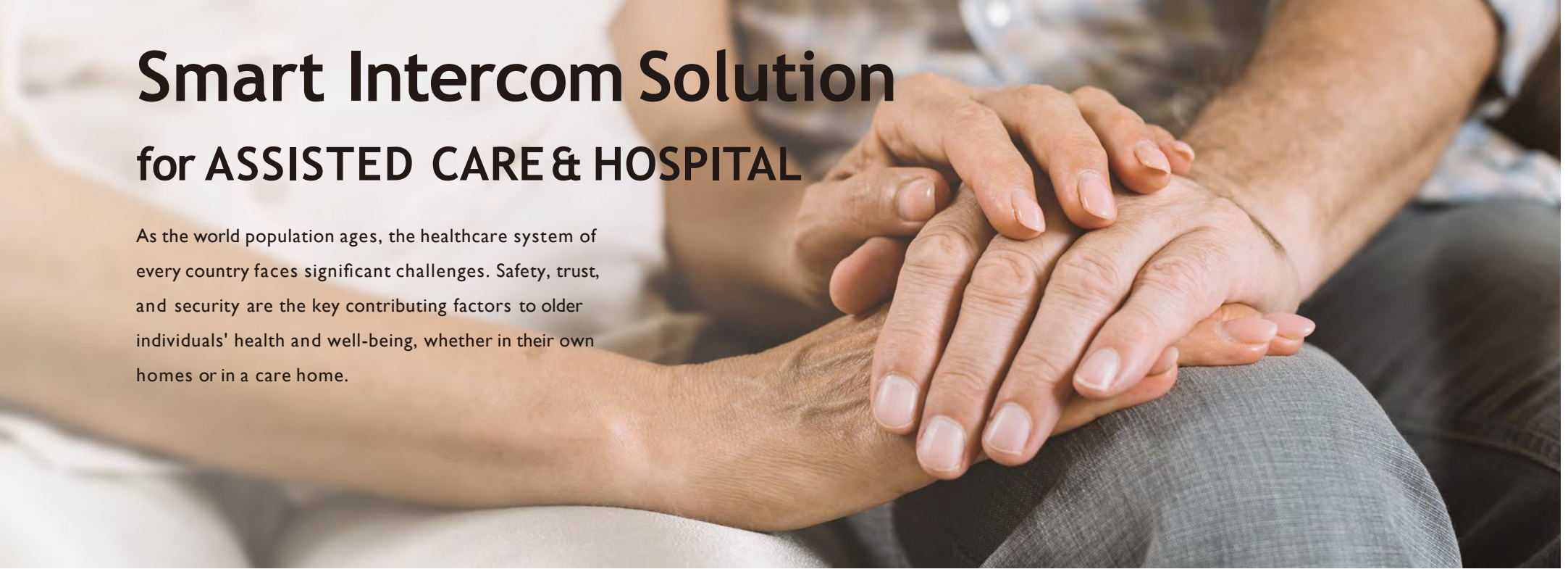
Building lobby: A05S

- Access control

Building entrance: X916S

- Flexible building entry options





Smart Intercom Solution

for ASSISTED CARE & HOSPITAL

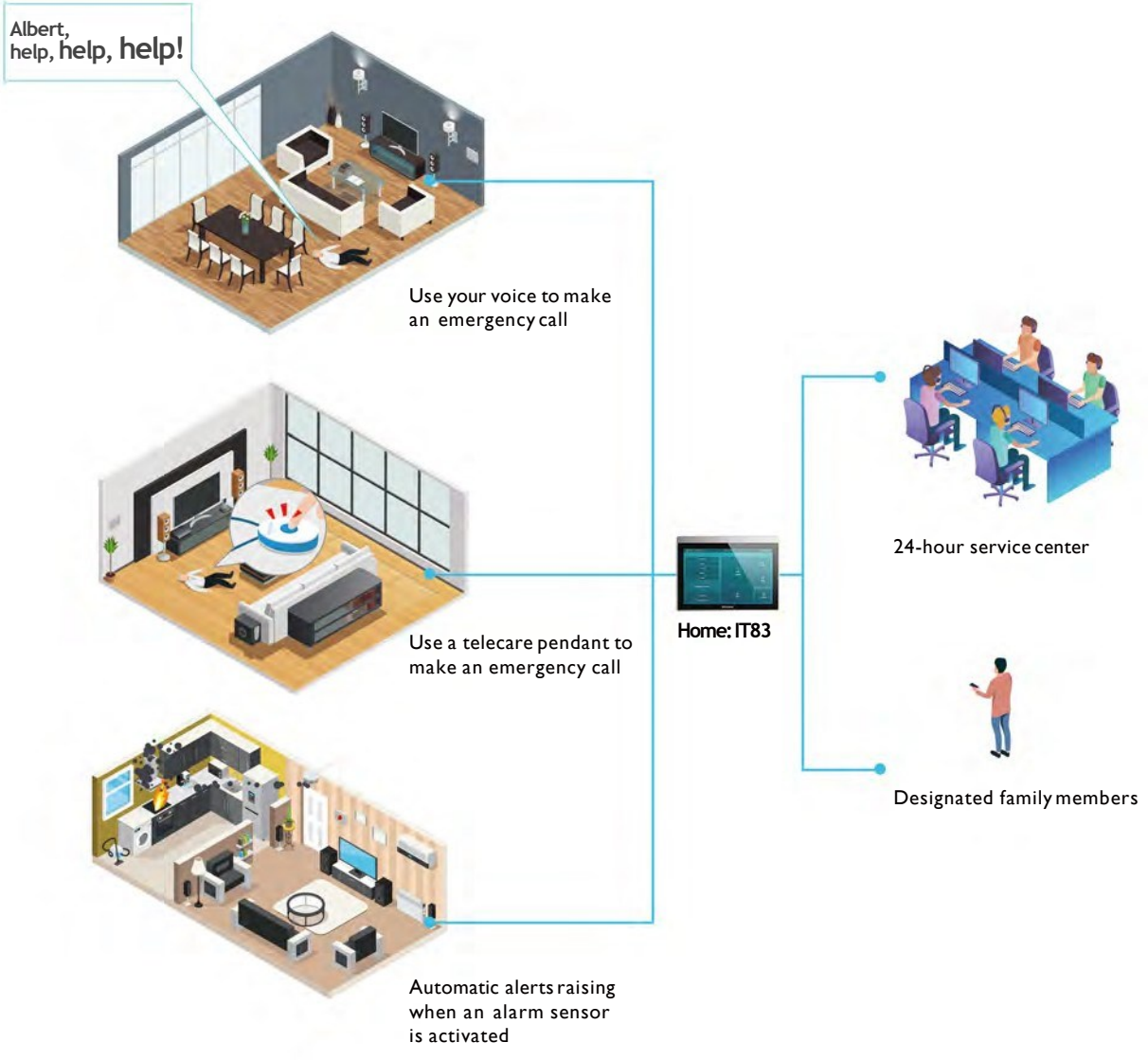
As the world population ages, the healthcare system of every country faces significant challenges. Safety, trust, and security are the key contributing factors to older individuals' health and well-being, whether in their own homes or in a care home.

Highlights of Akuvox Smart Intercom Solution

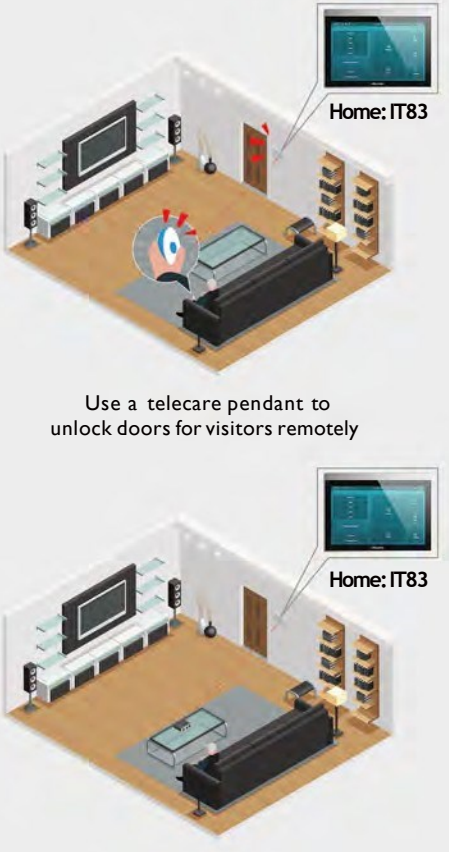
- Converge the latest technologies, including SIP, Android, and AI
- Easy-to-use system specially designed for older individuals
- 100% transmission of SOS signal to service centers with < 10 seconds SOS signal delay
- Telecare pendant for making emergency calls and remote door unlocking via RF
- Connect 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



Convenience for Daily Life



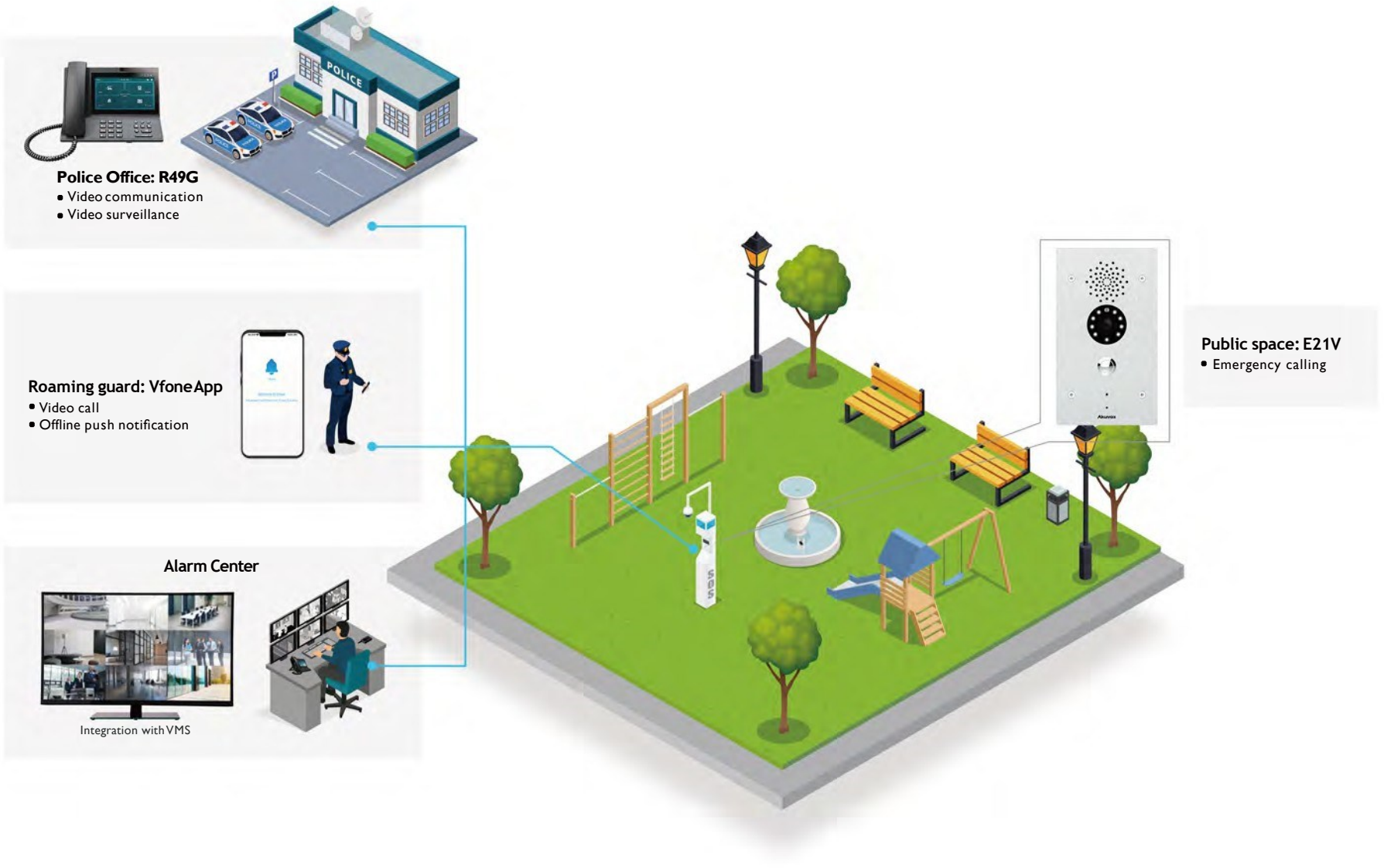
Smart Intercom Solution
for PUBLIC SPACE

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

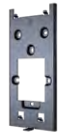
- Premium speech quality in any situation
- Vandal-resistant body with IK10 Rating
- Integrate with video surveillance systems
- Direct communication lines to alarm centers or security guards on patrol

Solution Overview



Accessories

Model	X916S	X915S	R29C	R29C-L	R29C-B	R28A	R27A	R20K
Image								
On-Wall Mounting								
In-Wall Mounting								
Optional Rain Cover								
Optional Desktop Stand								

Model	R20B	R20A	E16C	E11R	E21V	E21A	A05S	
Image								
On-Wall Mounting								
In-Wall Mounting								
Optional Rain Cover								
Optional Desktop Stand								

Accessories

Model	X933	IT83	C317	IT82	C315	C313	R49G	
Image								
On-Wall Mounting								
In-Wall Mounting								
Optional Rain Cover								
Optional Desktop Stand								

Model	X916S	X915S	R29C	R29C-L	R29C-B	R28A	R27A	R20K
Image								
Display	13”	8”	7”	7”	7”	4.3”	128×32 dots	No
Touch Screen	Yes	Yes	Yes	Yes	Yes	No	No	No
Front Panel	Stainless steel	Stainless steel	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum alloy
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating System	Android	Android	Android	Android	Android	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	No	No	No
PIN / Card Entry	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Biometric Access	Yes	Yes	Yes	Yes	Yes	No	No	No
Wiegand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Detection	No	No	No	No	Yes	No	No	No
LTE	No	No	No	Yes	No	No	No	No
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
3rd-party Apps	Yes	Yes	Yes	Yes	Yes	No	No	No

Model	R20B	R20A	E16C	E11R	E21V	E21A	A05S	
Image								
Display	No	No	5”	No	No	No	5”	
Touch Screen	No	No	Yes	No	No	No	No	
Front Panel	Aluminum alloy	Aluminum alloy	Plastics	Plastics	Stainless steel	Stainless steel	Plastics	
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Operating System	Linux	Linux	Linux	Linux	Linux	Linux	Linux	
Camera	Yes	Yes	Yes	Yes	Yes	No	Yes	
ONVIF	Yes	Yes	Yes	Yes	Yes	No	Yes	
Wi-Fi	No	No	No	No	No	No	No	
PIN / Card Entry	Yes	Yes	Yes	Yes	No	No	Yes	
Biometric Access	No	No	Yes	No	No	No	Yes	
Wiegand	Yes	Yes	Yes	Yes	No	No	Yes	
Temperature Detection	No	No	Optional	No	No	No	Optional	
LTE	No	No	No	No	No	No	No	
IP Rating	IP65	IP65	IP65	-	IP65	IP65	IP65	
3rd-party Apps	No	No	No	No	No	No	No	

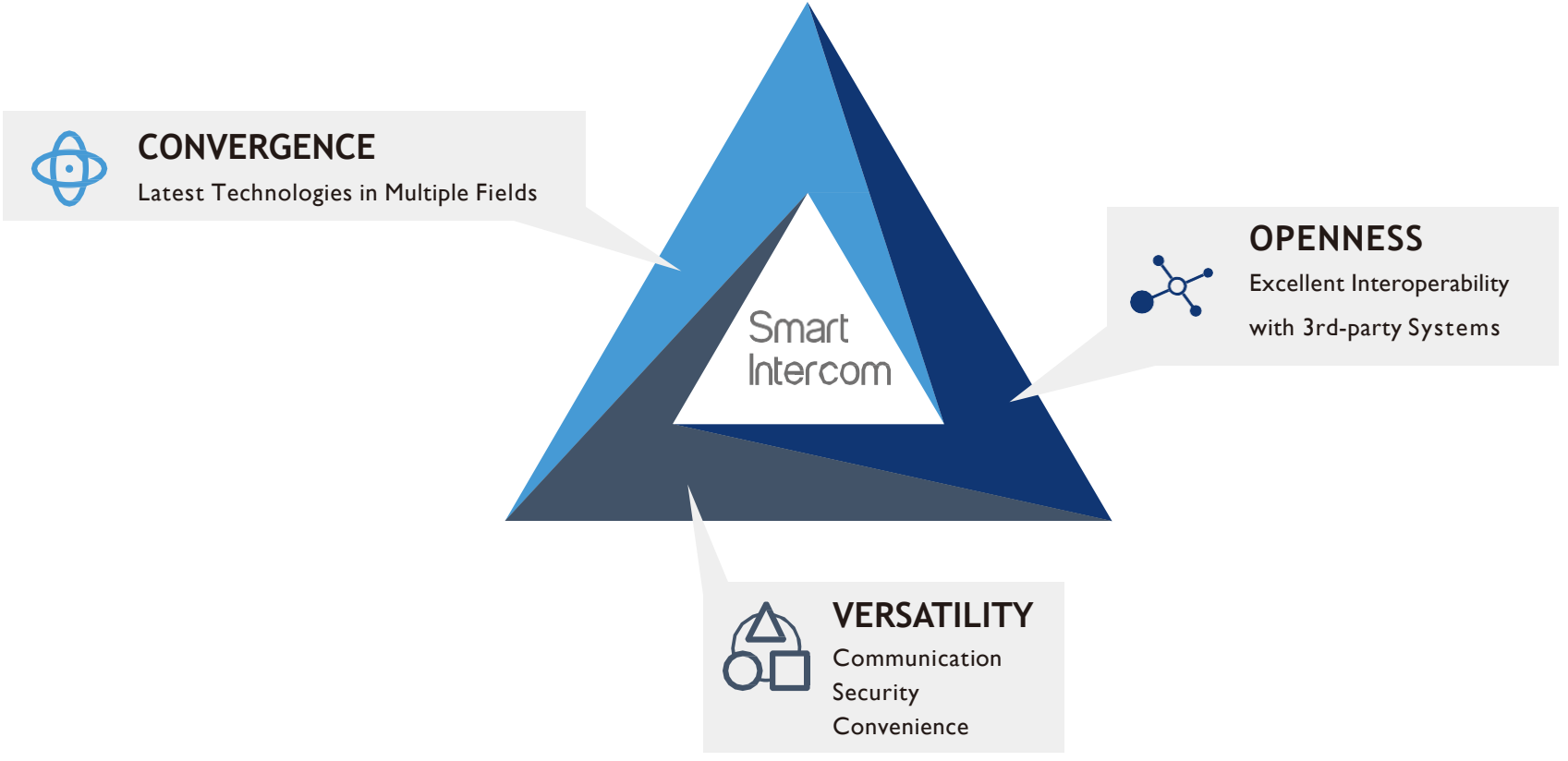
Model	X933	IT83	C317	IT82	C315	C313	R49G	
Image								
Display	7”	10”	10”	7”	7”	7”	7”	
Touch Screen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Front Panel	Plastics	Aluminum	Plastics	Aluminum	Plastics	Plastics	Plastics	
PoE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SIP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Operating System	Android	Android	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	

Smart Intercom Technologies

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 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

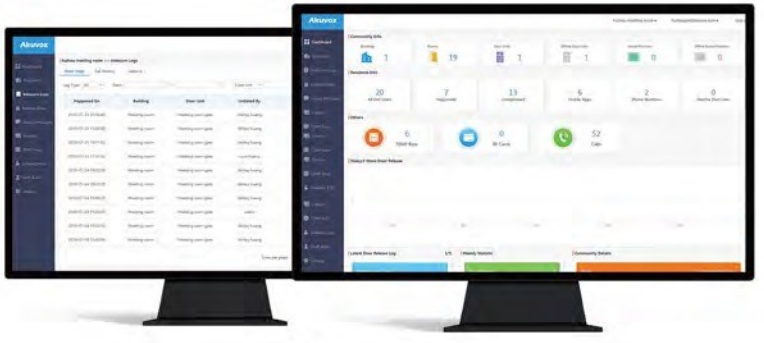
Exploring the synergy of image recognition technique and deep neural networks, Akuvox empowers intercoms to increase in-home safety for older individuals.

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 ofsystems
- **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-supportingsystems
- Work with mobile phones and landlines

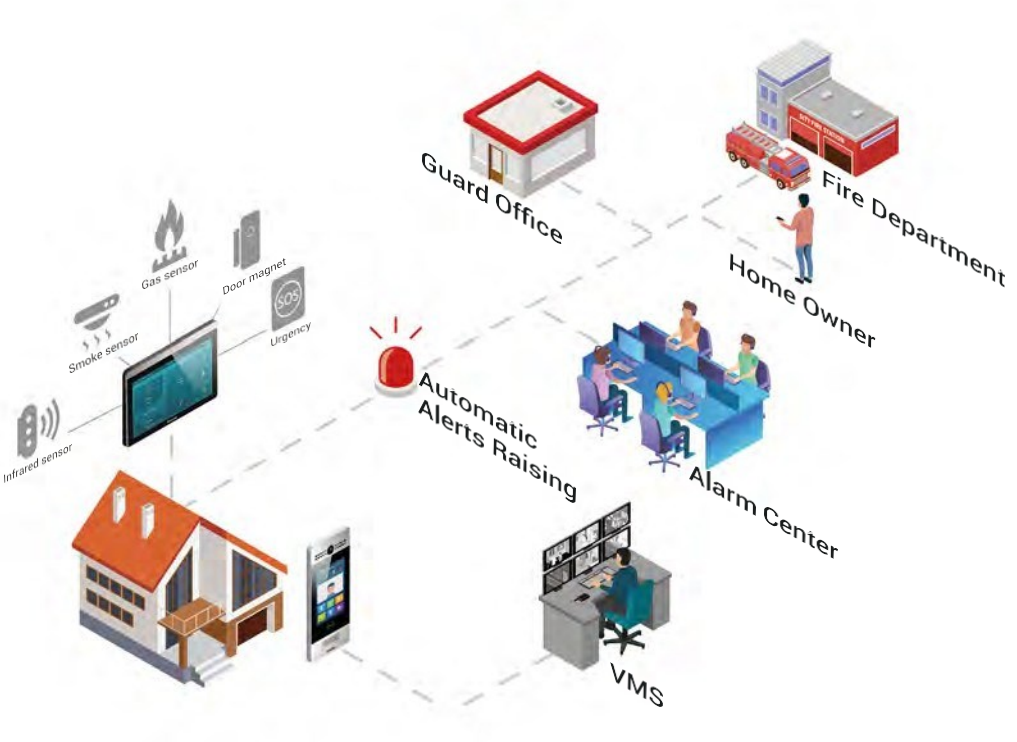
Smart Intercom Technologies-Security

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

Home Automation

- Control4
- Snap av
- RTI
- LifeSmart 云起智能
- zipato
- iRidium mobile
- core
- tuya

Telephony

- Genetec
- Yeastar
- broadsoft
- aare net
- elastix
- epygi Manufactured in the USA

Video Management System

- milestone
- NetworkOptix

Access Control

- VANDERBILT
- ZKTeco
- parsec

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