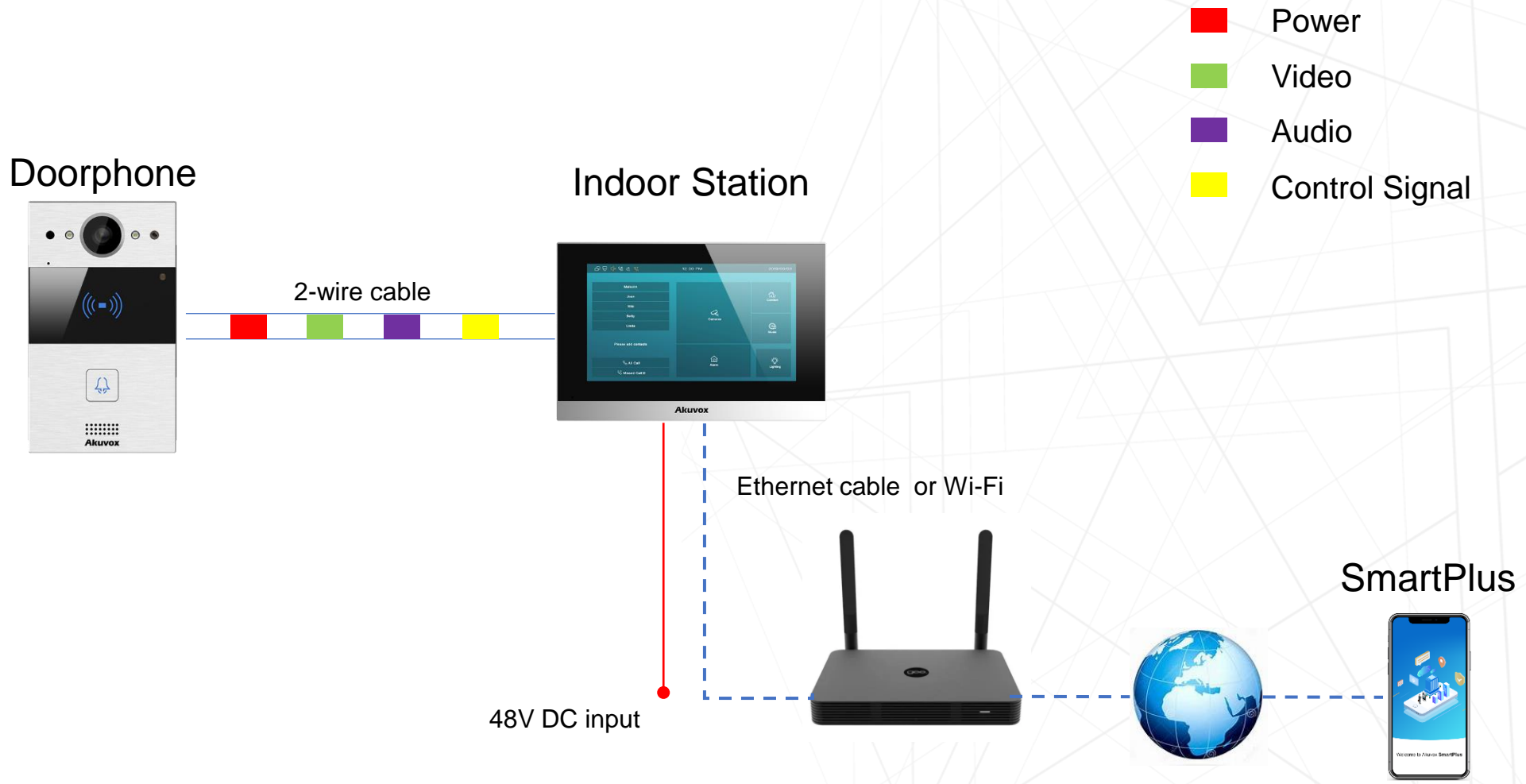**Akuvox**
Open A Smart World

2-wire IP Video Intercom Solution for Villa

Background

With the continuous progress of technology, the world is moving towards an era of intelligence. More and more IT systems become smarter, easier to integrate and support mobility.

The traditional intercom system, which is basically an independent subsystem, is hard for tenants to get the conveniences brought by modern technology. And the old houses often do not have data network wiring in place to install latest IP based intercom system. The cost associated with rewiring has become a barrier in may intercom system upgrade projects.

Challenges

● The tenants need to have a way of viewing their visitors as well as communicating with management in the doorway from anywhere.

●The house has existing wires and the new intercom system must compatible and be able to utilize those wires.

System Diagram

Akuvox

Power

Video

Audio

Control Signal

Doorphone

Indoor Station

2-wire cable

Ethernet cable or Wi-Fi

SmartPlus

48V DC input

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Highlights

Akuvox

- Provides a convenient way to upgrade analogue intercom systems

- Plug and play, very easy to configure

- Extremely long communication distance

- Mobile apps for ease of use and convenience

- Daisy chain mode to expand indoor stations

- Better compatibility with other IP System
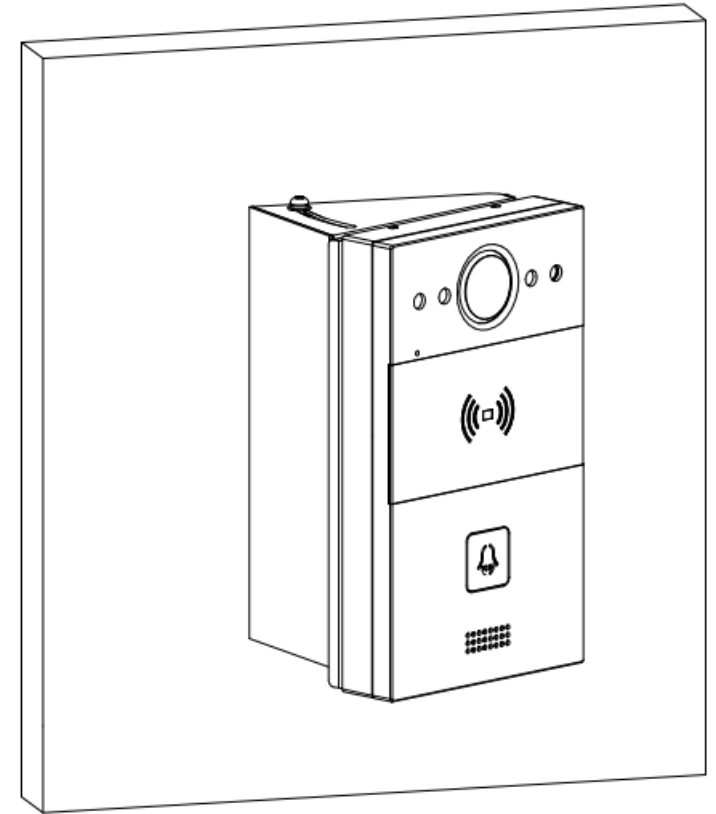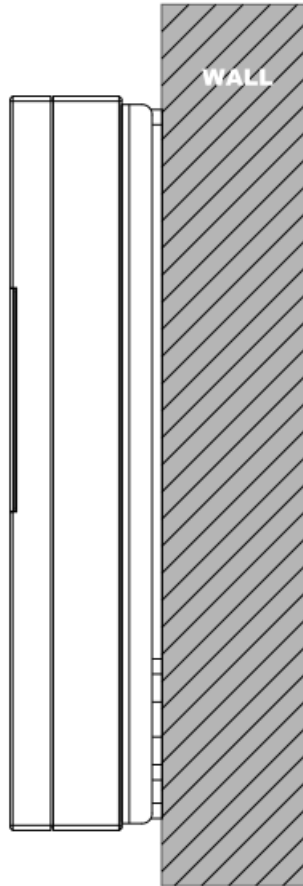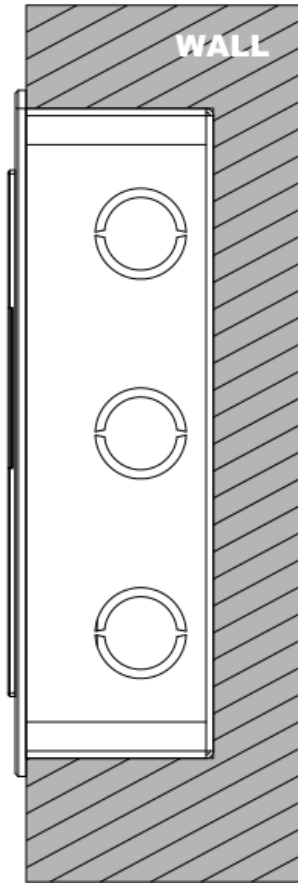
Features

2-wire cable

Old 2-wire
inside wall
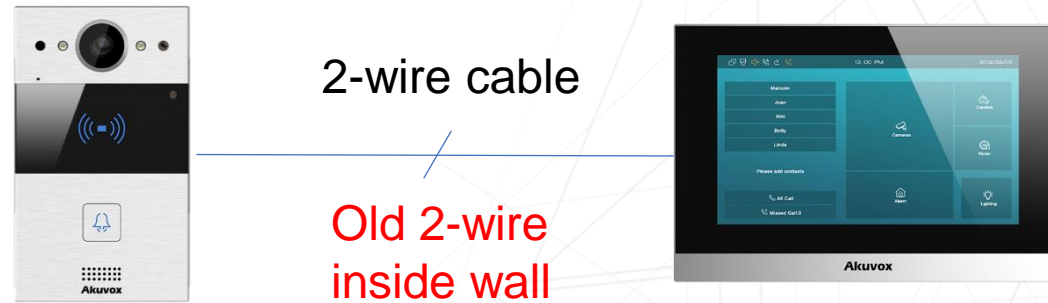
Cost saving and cabling effortless, no need to rewire,
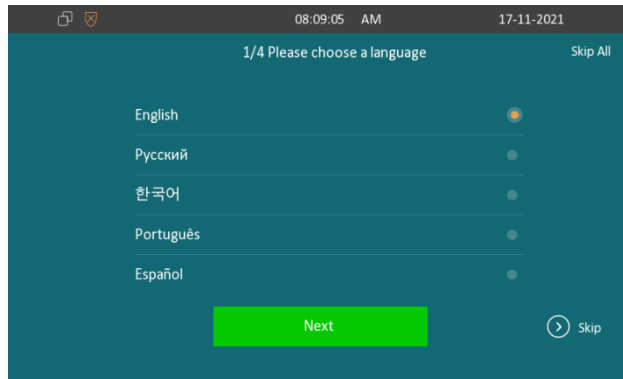
installation cost will decrease dramatically

Features

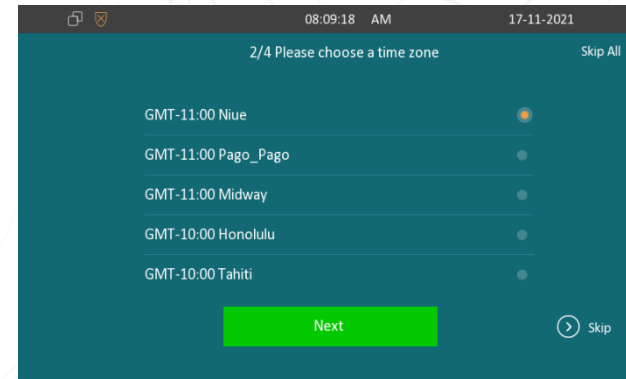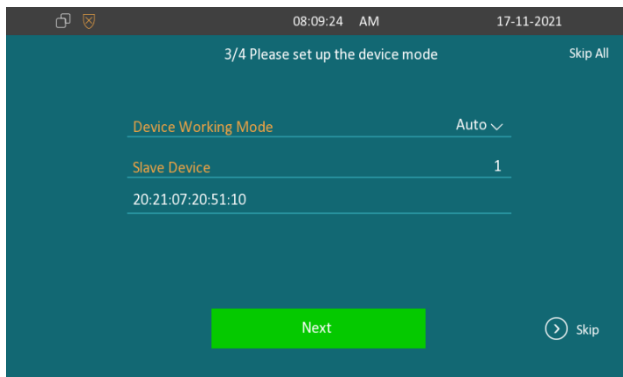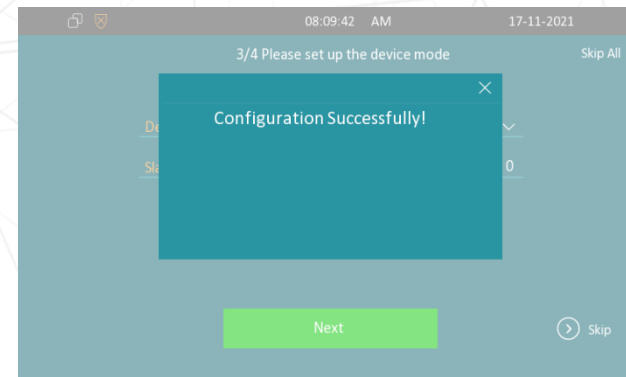Multiple installation ways, to fit the requirement on field.

Features

Step 1
Select language

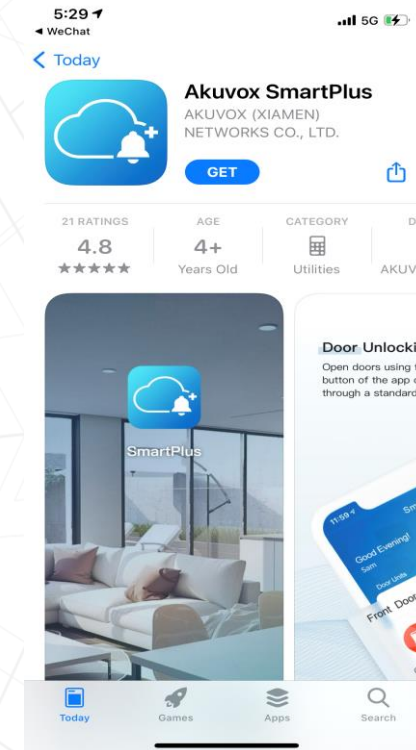Step 2
Select time zone

Step 3
Set up device mode

Step 4
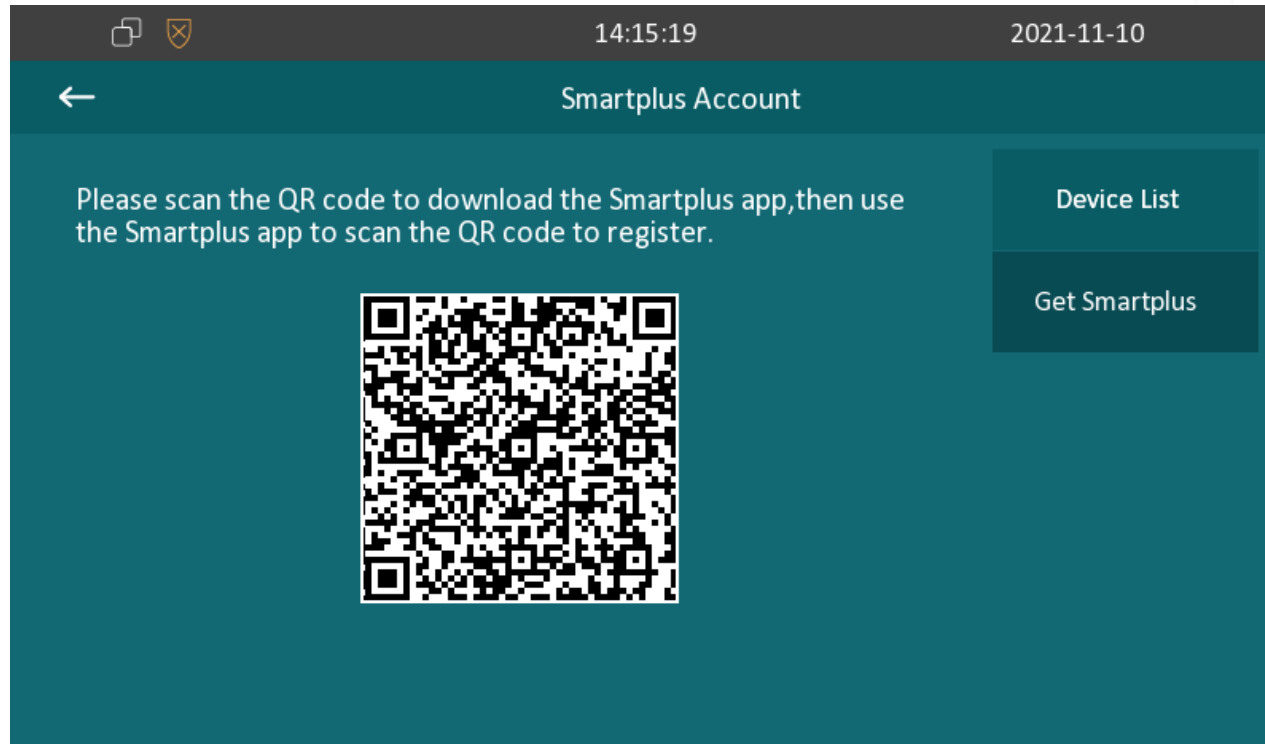Done

Only four steps to complete the setup, quick and easy

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Features

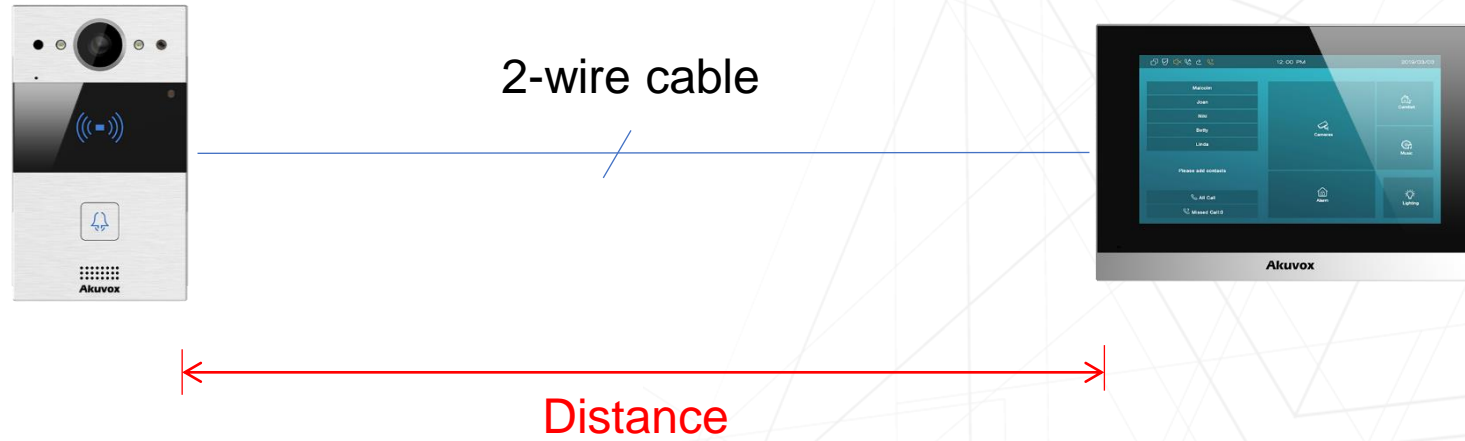
Need only to scan the QR code for APP downloading and activation

Features

2-wire cable

Distance

Cable Specification	Distance
24AWG	Max. 300m
20AWG	Max. 300m
18AWG	Max. 300m

Super long transmission distance

Features

2-wire cable

Ethernet cable

Or Wi-Fi
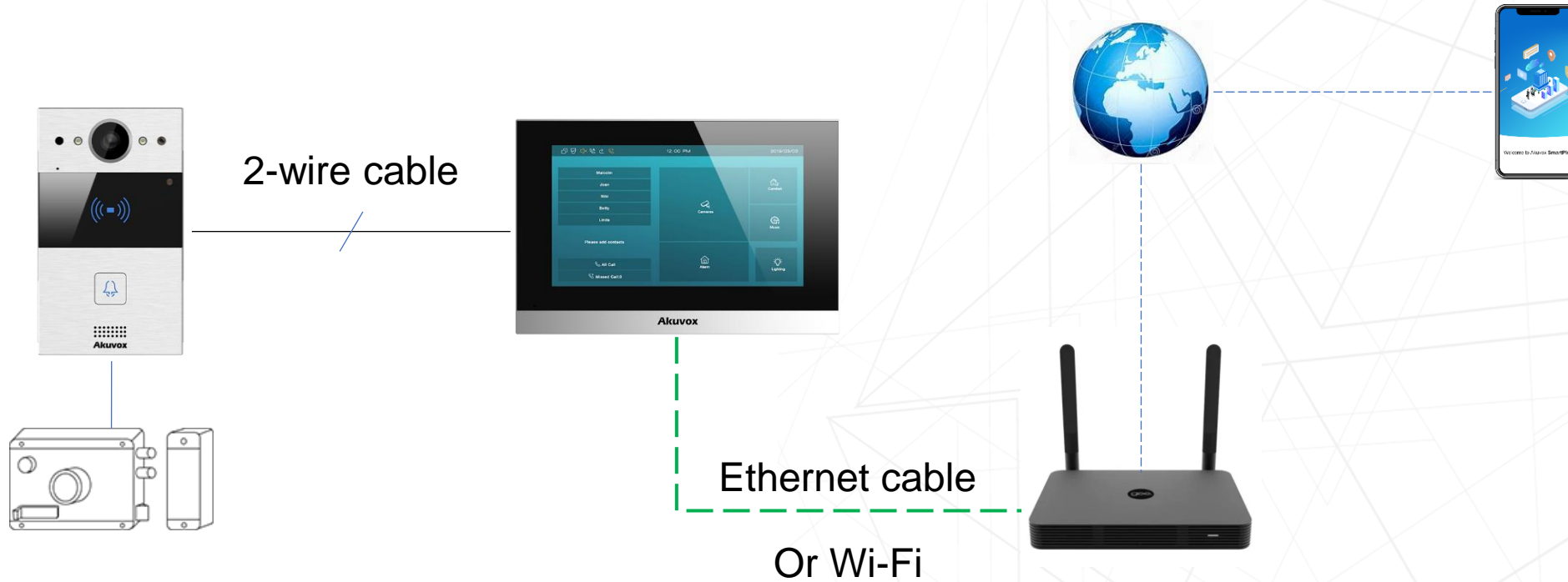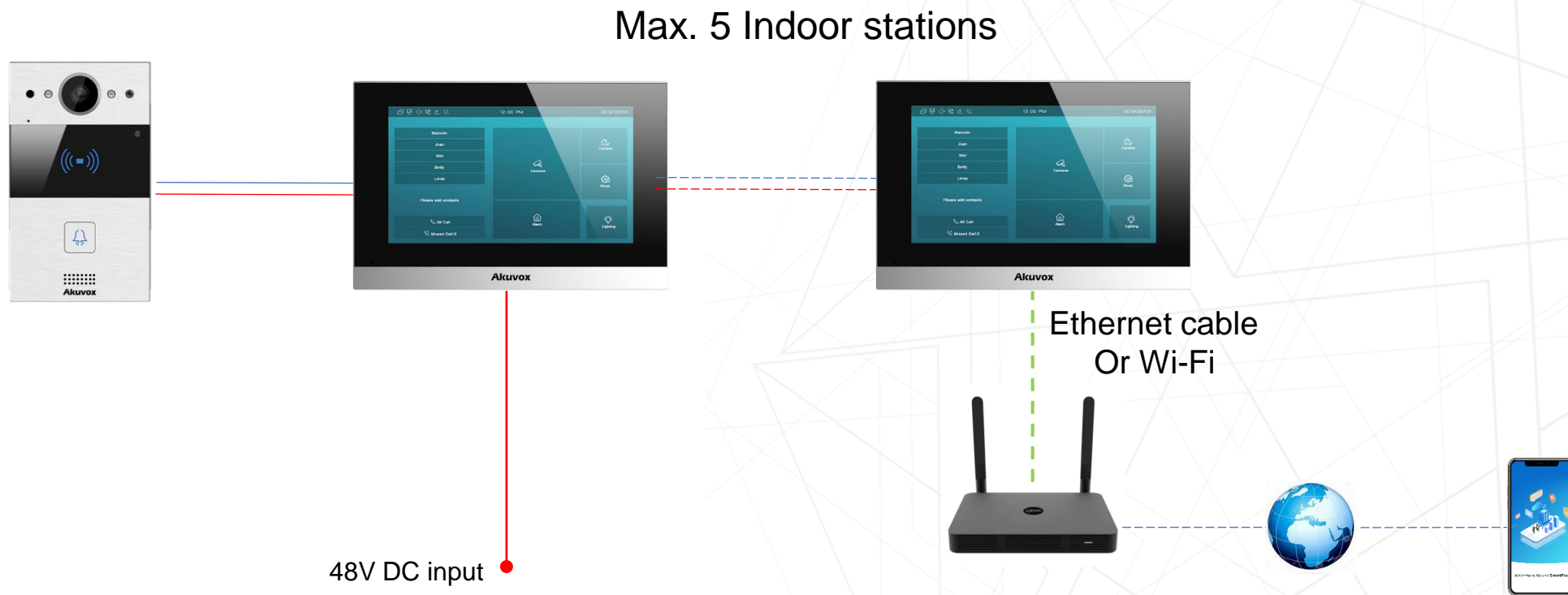
Receive call and unlock door for visitors from anywhere, right from the smartphone

Features

![Akuvox]

Max. 5 Indoor stations

Ethernet cable
Or Wi-Fi

48V DC input

Max. 5 indoor stations can be extended.

With one touch to call multiple indoor stations

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Features

Akuvox

Monitoring
IP Camera

Ethernet cable
Or Wi-Fi

DVR/NVR Video Recoding
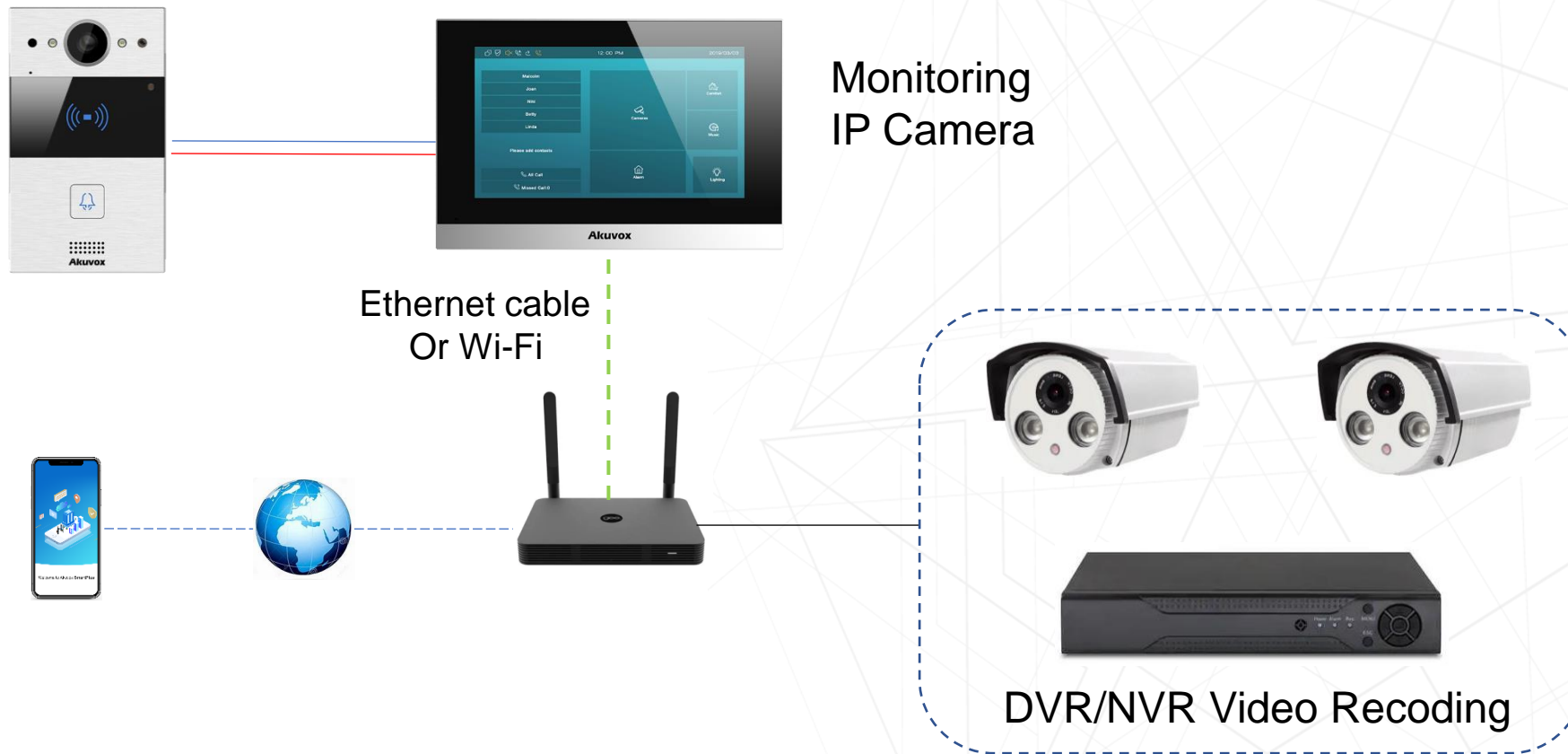
RTSP complied, both live view and video recording are supported.

Very easy to comply with IPC or DVR/NVR system

Related products

Akuvox

2-wire Doorphone

- 2M Pixels CMOS Camera
- Single button
- 125kHz and 13.5MHz Cards
- Wiegand / RS485
- IP65

2-wire Indoor station

- 7" Touch Screen
- Eight channel inputs
- One built-in relay
- Wi-Fi: 802.11b/g/n

SmartPlus

- Excellent Audio/video Quality
- Offline Push Notification
- Remote Access Control
- Video Surveillance
- IOS & Android

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Reasons to be partner with Akuvox

Akuvox

➢ Outstanding innovation capacity to impact the direction of the global intercom industry

➢ Part of the ICT giant and access to the latest technologies in multiple fields

➢ High-standard quality control that meets the stringent requirements of high-end customers

➢ Excellent professional services with quick and all-out response to customers' needs

Thank You!