Akuvox
Open A Smart World

2-wire IP Video Intercom Solution for Apartment

Background

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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 buildings 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

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- Residents need to be able to view visitors remotely and property managers need remote management
- Residents need indoor monitors for the use of the elderly and children, however, most of the old building retrofit projects are just using mobile app and doorphones
- The rewiring is quite difficult or cost is very high for upgrading analog intercom system into IP intercom system

System Diagram

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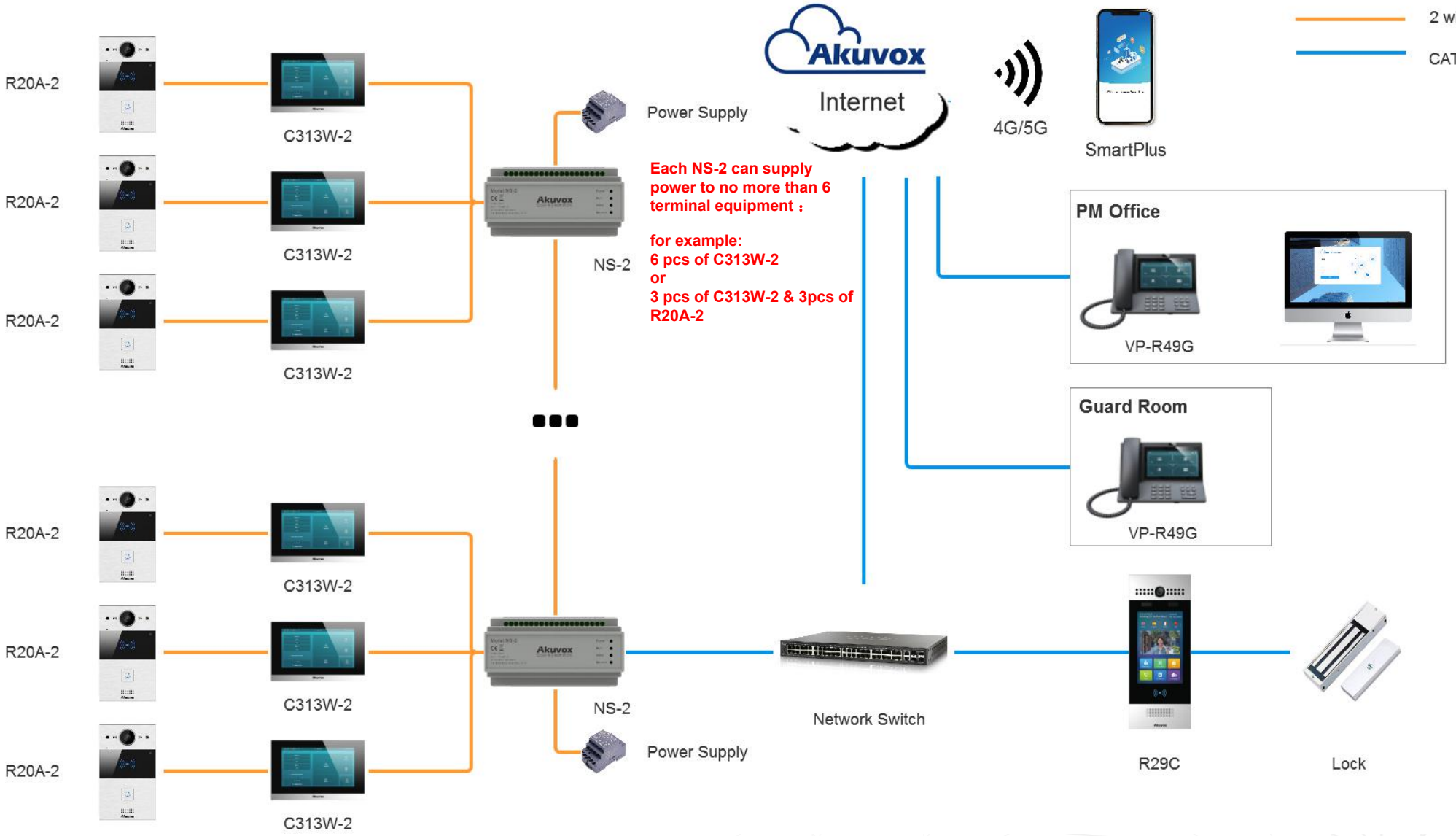
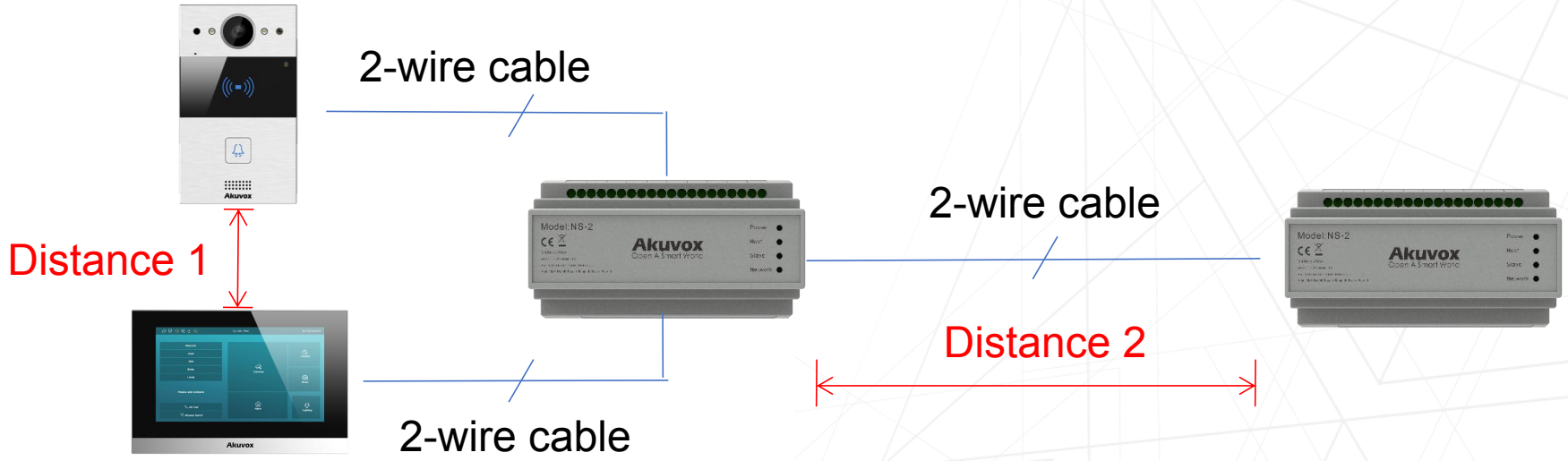


Features

Cost saving and cabling effortless, no need to rewire,

installation cost will decrease dramatically

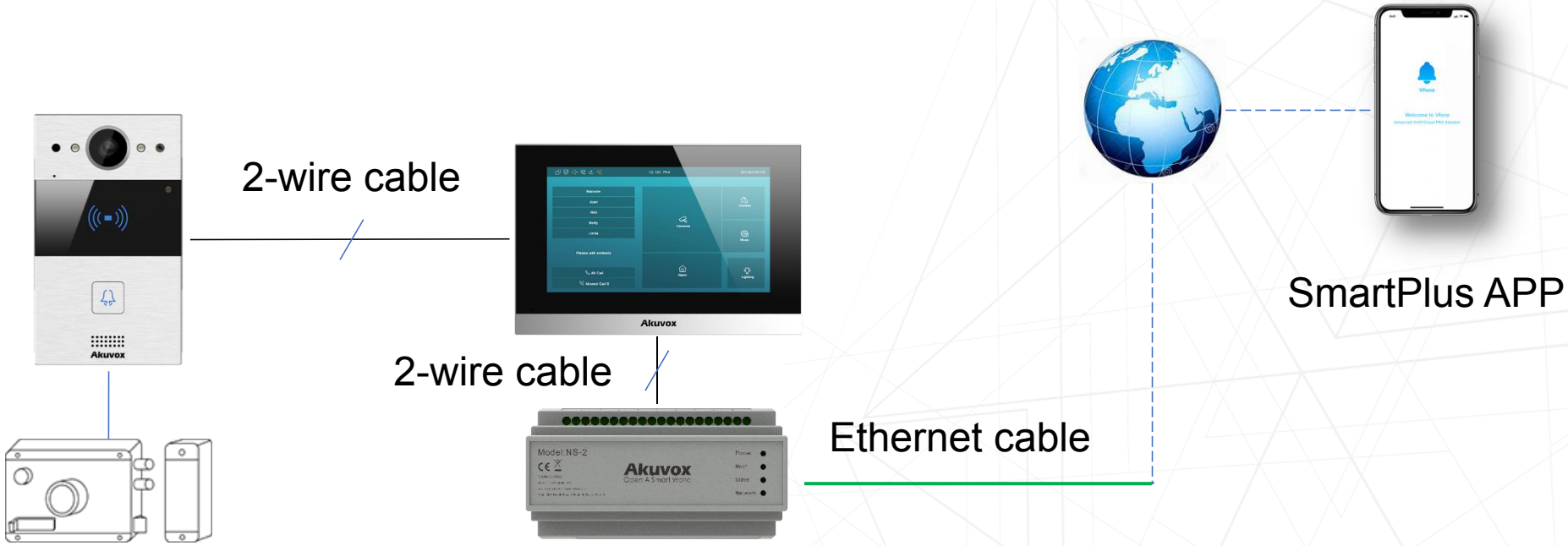
Features



Cable Specification	Distance 1	Distance 2
24AWG	Max. 300m	Max. 200m
20AWG	Max. 300m	Max. 200m
18AWG	Max. 300m	Max. 200m

Super long transmission distance

Features



Receive call and unlock door for visitors from anywhere, right from the smartphone

Features

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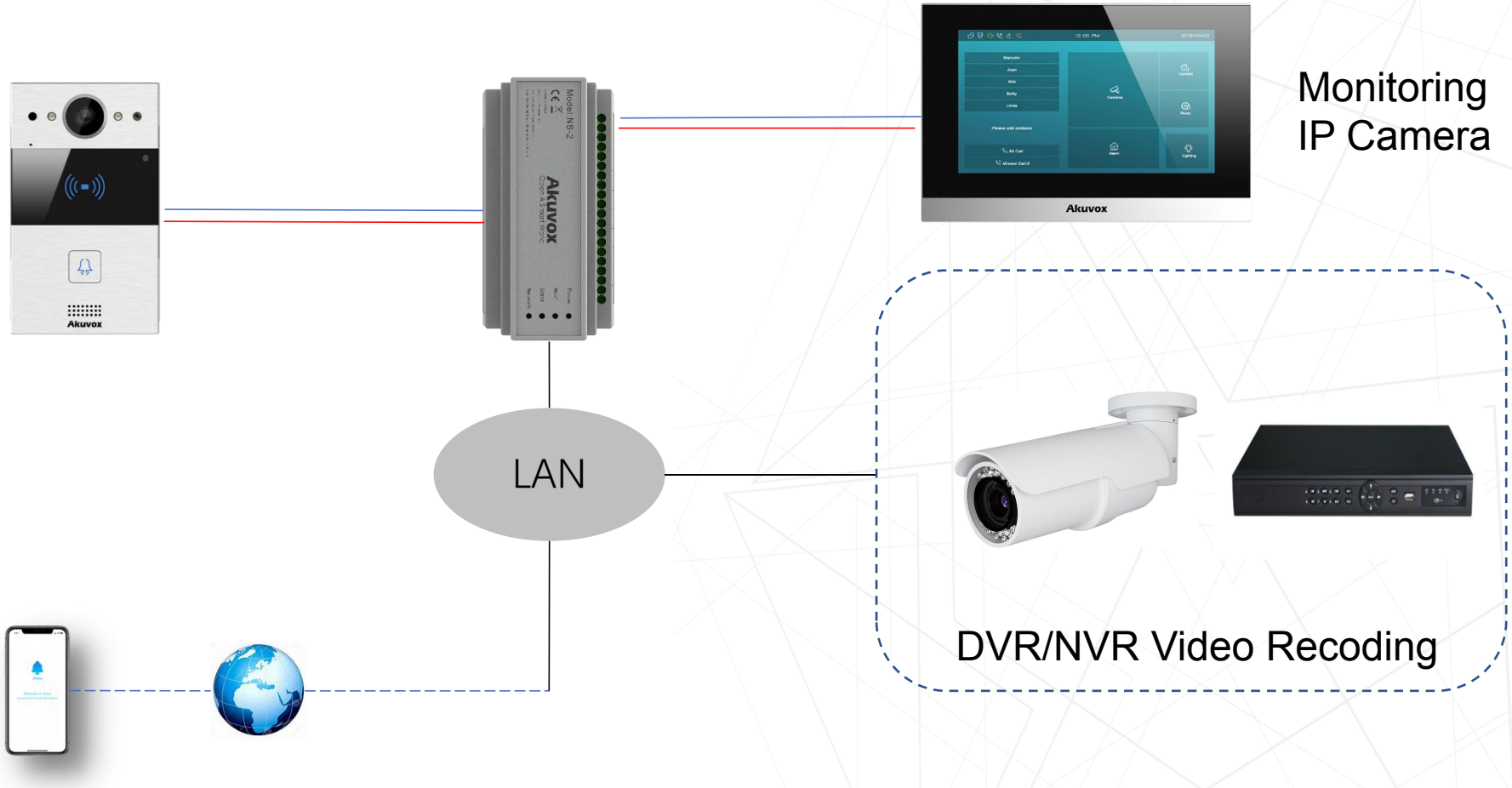
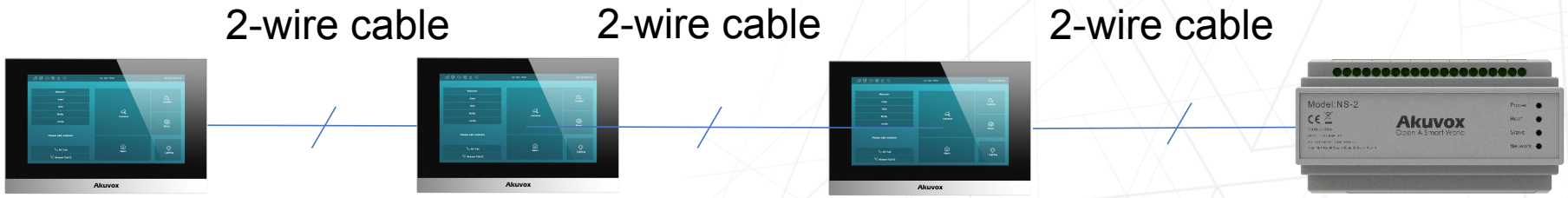


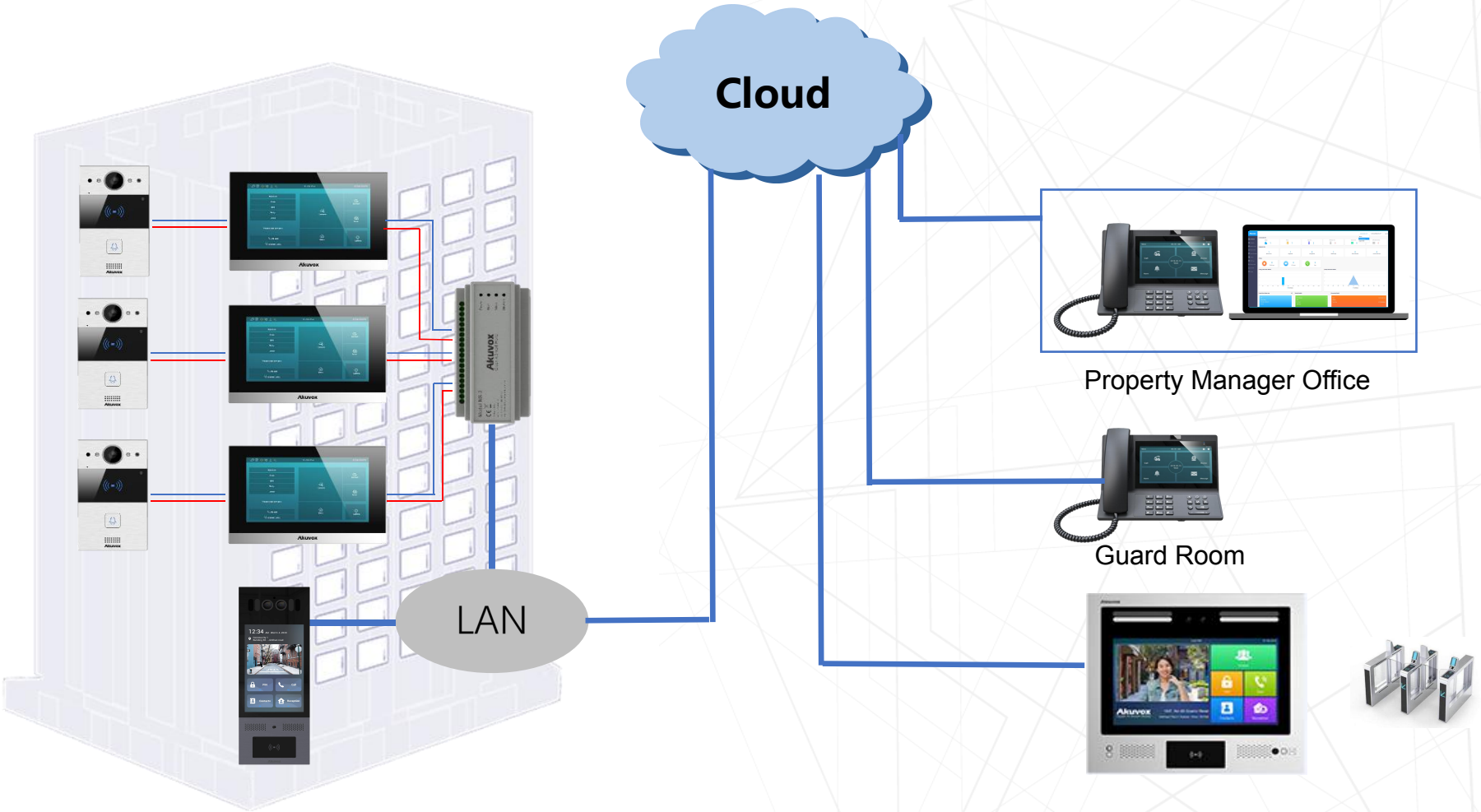
RTSP complied, both live view and video recording are supported

Features



Support the daisy chain wiring mode and make full use of the wiring of original analog intercom

Features



Utilize the cloud for multiple sites from the online platform

Highlights

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- Provides a easy way to upgrade analogue intercom systems
- Reusing the existing 2-wire cable for easy installation
- Super long transmission distance suit most old building retrofit projects
- Mobile apps for ease of use and convenience
- Easily to intergrate with CCTV system for monitoring IP cameras
- Installer and property managers can utilize the cloud for multiple sites from the online platform

Related products

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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

Related products

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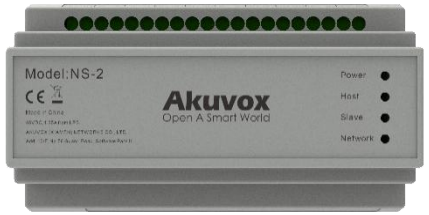
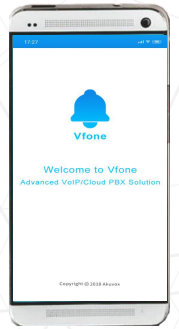
2-wire Network Switch



- Power over 2-wire cable
- Support up to 6 pcs of Akuvox 2-wire IP intercom devices;
- Super long transmission distance;
- Rail mounting installation;

SmartPlus



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

Reasons to be partner with 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!