Akuvox

Datasheet

Akuvox R28A

Perfect Doorphone choice for daily life

The security that comes with being able to control who comes into your building along with the ability to verbally and visually confirm their identity is immeasurable. Akuvox's Video Doorphone R28A enables you to easily monitor an entrance door or gate and gives you the peace of mind knowing that your facility is more secure.

At a Glance

- **Vandal resistant body, with flush buttons**
- **Wide-angle camera: Horizontal 120°, Vertical 65°**
- **PoE (IEEE802.3af, Power-over-Ethernet);**
- **Two-way audio communication over IP networks with Echo Cancel feature;**
- **Complies with SIP standard for easy integration in every SIP capable PBXes;**
- **Complies with ONVIF standard for easy integration with any network surveillance system;**

Physical & Power

- Body material: all-aluminum
- Camera: 2M pixels, automatic lighting
- Display: 4.3 Inch, color TFT LCD
- Numeric keypad with extra buttons
- Infrared Sensor: Support
- Wiegand port: Support
- RS485 port: Support
- RF Card Reader: 13.56MHz & 125kHz
- Relay In / OUT: 3 / 3
- 802.3af Power-over-Ethernet
- 12V DC connector (if not using PoE)
- Water-proof & Dust-proof: IP65
- Installation: Flush-mounted & Wall-mounted
- Flush-mounted DIM: 280x130x68mm
- Wall-mounted DIM: 280x130x38mm

SIP Endpoint

- SIP v1(RFC2543), SIP v2(RFC3261)
- Audio codecs: G.711a, G.711μ, G.722, G.729
- Video codecs: H.264, H.265
- Speech Quality: 7kHz Audio
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator

Video

- Resolution: up to 1080p
- Maximum image transfer rate: 1080p - 30fps
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- Compatible to 3rd-Party-Video components, e.g. NVRs

Door Entry Features

- Relays controlled individually by DTMF tones
- Camera permanently operational
- White balance: auto
- Auto-night mode with LED illumination

Networking

- 1x10/100 Mbps Ethernet port
- Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP

Application Scenarios

- Office door phone with on-site or hosted IP-PBX
- Remote site entry over Internet
- Apartment/flat intercom with door access control