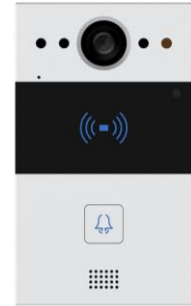**Akuvox**

Datasheet

Akuvox R20A

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 R20A 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

- **Wide-angle camera: Horizontal 120° , Vertical 65 $^\circ$**
- **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: Aluminum alloy
- Camera: 3M pixels, automatic lighting
- Button: 1 call button
- G-sensor: Support
- Infrared Sensor: Support
- RS485: Support
- RF Card Reader: 13.56MHz & 125kHz
- Output Relay: 2 output relays for door opener
- IEEE 802.3af Power-over-Ethernet
- 12V DC connector (if not using PoE)
- Water-proof & Dust-proof: IP65
- Installation: Wall-mounted
- Dimension : 85x145x27.5mm

SIP Endpoint

- SIP v1(RFC2543), SIP v2(RFC3261)
- Audio codecs: G.711a, G.711μ, G.722, G.729
- Video codecs: H.264
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator
- Door opener via DTMF post-dial

Video

- Resolution: up to 720p
- Maximum image transfer rate: 720p - 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
- Minimum illumination: 0.1LUX

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

About Akuvox

Akuvox is a leading provider of SIP Intercom. With experienced R&D team in the field of VoIP and world-class STAR-NET's manufacturing facility, Akuvox produces competitive high quality products.Akuvox provides excellent customer service with powerful technical support and partners all over the world. Our products have been deployed in more than 50 countries and well received by the customers.

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