

Perfect Doorphone choice for daily life

Akuvox's Audio Doorphone R23C is an open, non-proprietary IP-based door station for two-way communication and remote entry control. It is a perfect complement to any SIP system and offers new possibilities to effectively control entry to your premises.

At a Glance

- Vandal resistant body, with a flush button;
- 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;



Physical & Power

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| • Front panel: Aluminum | • Power out: 12V/400mA |
| • Button: 1 call button | • 802.3af Power-over-Ethernet |
| • Wiegand port: Support | • 12V DC connector (if not using PoE) |
| • RS485 port: Support | • Water-proof & Dust-proof: IP65 |
| • RF card reader: 13.56MHz | • Installation: Flush-mounted or Wall-mounted |
| • Relays out: 2 | • Flush-mounted DIM: 213x124x68mm |
| • Inputs: 3 | • Wall-mounted DIM: 190x110x40mm |
| • Microphone: -40dB | • Working Humidity: 10~90% |
| • Speaker: 8Ω / 2W | • Working Temperature: -20°C ~ +55°C |
| • Ethernet port: RJ45, 10/100Mbps adaptive | • Storage Temperature: -40°C ~ +70°C |

Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711 μ , G.729
- Broadband audio codec: G.722
- DTMF: In-band, out-of-band DTMF (RFC2833),

SIP Info

- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator

Door Entry Feature

- Relays controlled individually by DTMF tones

Networking & Protocol

- Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, TCP, UDP, ICMP, DHCP, ARP

Deployment

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup / restore
- Entry log export
- Access table export / import
- Firmware upgrade
- System logs (include door access logs)

Application Scenario

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