Perfect Doorphone choice for daily life
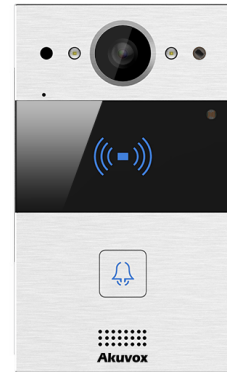
2-wire video intercom systems remain demanded as long as there are so many houses left with old wiring in the walls, which is indeed problematic to replace. Akuvox came up with a solution to address the issue to allow you to get the benefits of IP network-type system, but with old wiring and with no replacements done

At a Glance

- **Single speed-dial button with blue backlight;**
- **Linux operation system;**
- **Wide-angle camera: 110º (H), 58º (V);**
- **Two-pin wire for power supply and network access**
- **Two-way audio communication over IP networks with Echo Cancellation & Noise suppression;**
- **Flush-mounted & surface-mounted;**
- **Complies with SIP & ONVIF;**

Physical & Power

- Front panel: Aluminum alloy
- Camera: 2M pixels, automatic lighting
- Button: 1 call button
- Light sensor: Support
- Motion sensor: Support
- Wiegand port: Support
- RS485 port: Support
- RF card reader: 13.56MHz & 125kHz, NFC
- Relays out: 1
- Inputs: 1
- Microphone: 1

- Speaker: 1
- Tamper Alarm: Support
- Power Interface： 1
- IP Rating: IP65
- Size: 145x85x22mm
- Installation: Flush-mounted or Wall-mounted
- Working Humidity: 10~90%
- Working Temperature: -30°C ~ +60°C
- Storage Temperature: -40°C ~ +70°C

Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711µ
- Wideband audio codec: G.722
- DTMF: In-band, out-of-band DTMF (RFC2833), SIP Info
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator

Video

- Sensor: 1/2.8", CMOS
- Pixels: CIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video resolution: up to 1920x1080
- Max. image transfer rate: 1080p – 30fps
- Viewing angle: 110°(H) / 58°(V)
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- Compatible to 3rdparty video components, e.g. NVRs

Door Entry Feature

- Relays controlled individually by DTMF tones
- Camera permanently operational
- Auto-night mode with LED illumination
- White balance: auto
- Minimum illumination: 0.1LUX

Networking & Protocol

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

Deployment & Maintenance

- 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

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