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

- **Aluminum panel with numeric keypad;**
- **Linux operation system;**
- **Wide-angle camera: 110° (H), 58° (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;**

Physical & Power

- Front panel: Aluminum alloy
- Camera: 2M pixels, automatic lighting
- Button: Keypad
- Light sensor: Support
- Infrared sensor: Support
- Wiegand port: 1ch input/output(selectable)
- RS485 port: Support
- RF reader: 13.56MHz&125kHz, NFC (only Android)
- Relays out: 1
- Inputs: 1
- Infrared (IR) LED: Support
- Microphone: 1
- Speaker: 1
- Power Interface: 1
- Tamper Alarm: Support
- IP Rating: IP65
- Installation: Flush-mounted or Wall-mounted
- Dimension (HxWxD): 185x85x24mm
- Working Humidity: 10~90%
- Working Temperature: -30°C ~ +60°C
- Storage Temperature: -40°C ~ +70°C

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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 – 25fps
- Viewing angle: 110°(H) / 58°(V)
- Compatible to 3rd-Party-Video components, e.g. NVRs

Networking and Protocol

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

Door Entry Feature

- Relays controlled individually by DTMF tones
- Multi-way Unlock: EM/Mifare Card and PIN
- Camera permanently operational
- White balance: auto
- Minimum illumination: 0.1LUX

Capacity

- User: 4,000
- Contact: 1,000
- Card: 20,000
- PIN： 4,000

Card Type

- EM card
- Mifare card
- DesFire card （EV1/EV2/EV3）

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)

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