Perfect Doorphone choice for daily life

Sometimes running or replacing cables is not cost effective or near impossible especially in older apartment buildings or established homes or businesses. A cost-effective alternative is to use the mobile networks to bypass cables altogether. Akuvox's Video Doorphone R20K-L is designed to remove cables from the solution solving what has become an expensive problem for many.

At a Glance

- **Aluminum panel with numeric keypad;**

- **Linux operation system;**

- **Wide-angle camera: 110º (H), 58º (V);**

- **Two-way audio communication over IP networks with Echo Cancellation feature;**

- **Using LTE technology to combine minimum installation when installed at sites;**

- **Flush-mounted & surface-mounted;**

Physical & Power

- Front panel: Aluminum alloy

- Camera: 2M pixels, automatic lighting

- Numeric keypad with extra buttons

- Light sensor: Support

- Motion sensor: Support

- Wiegand port: 1ch input/output(selectable)

- RS485 port: Support

- RF reader: 13.56MHz & NFC (only Android)

- Relays out: 2

- Inputs: 2

- Microphone: 1

- Speaker: 1

- Tamper Alarm: Support

- Ethernet port: RJ45, 10/100Mbps adaptive

- SIM Card Slot： Support

- 12V DC connector

- 802.3af Power-over-Ethernet

- IP Rating: IP65

- Installation: Flush-mounted or Wall-mounted

- Dimension (HxWxD): 185x84.5x24mm

- Working Humidity: 10~90%

- Working Temperature: -30°C ~ +60°C

- Storage Temperature: -40°C ~ +70°C

Akuvox
Open A Smart World

10/F, No.56 Guanri Road, Software Park II，Xiamen 361009, China
Tel: +86-592-2133061   Ext: 7694   Fax: +86-592-2133061
Email: sales@akuvox.com   Web: www.akuvox.com

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 3rd-Party-Video components, e.g. NVRs

Network Connection

- LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18 /B19/B20/B25/ B26/B28

- LTE-TDD: B38/B39/B40/B41

- WCDMA: B1/B2/B4/B5/B6/B8/B19

Door Entry Feature

- Relays controlled individually by DTMF tones

- Multi-way Unlock: Mifare Card and PIN

- Camera permanently operational

- White balance: auto

- Minimum illumination: 0.1LUX

Capacity

- User: 5,000

- Card: 25,000

- PIN: 5,000

Card Type

- 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)