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 R29C-L is designed to remove cables from the solution solving what has become an expensive problem for many.



At a Glance

- **Aluminum panel with 7inch touchscreen;**
- **Android operation system;**
- **Wide-angle camera: 105°(H) / 55°(V);**
- **Two-way audio communication over IP networks with Echo Cancel feature;**
- **Multi-way access feature including: Face, EM/Mifare Card, PIN, BLE & QR code;**
- **Using LTE technology to combine minimum installation when installed at sites;**
- **Flush-mounted & surface-mounted;**

Physical & Power

- Front panel: Aluminum
- Display: 7 Inch IPS LCD, 800×1280
- Screen: 7 Inch capacitive touch screen
- Main Camera: 2M pixels, automatic lighting
- Auxiliary Camera: 1M pixels
- Infrared (IR) LED: Support
- Light sensor: Support
- White Light LED: Support
- Motion sensor: Support
- Wiegand port: 1ch input/output(selectable)
- RS485 port: Support
- RF reader: 13.56MHz&125kHz, NFC (only Android)
- Relays: 2
- Inputs: 2
- Microphone: 1
- Speaker: 1
- BLE: Support BT5.0
- Ethernet port: RJ45, 10/100Mbps adaptive
- SIM Card Slot: Support
- 12V DC connector
- IP Rating: IP65
- Installation: Flush-mounted & Wall-mounted
- Dimension (HxWxD): 324x130x33mm
- Working Humidity: 10~90%
- Working Temperature: -20°C ~ +55°C
- Storage Temperature: -40°C ~ +70°C

Akuvox
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Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711μ, G.729
- 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, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video resolution: up to 1920x1080
- Max. image transfer rate: 1080p – 25fps
- Viewing angle: 115°(H) / 63°(V)
- Compatible to 3rd-Party-Video components, e.g. NVRs

Door Entry Feature

- Relays controlled individually by DTMF tones
- Multi-way Unlock: Face,EM/MIFARE Card, PIN, QR, and BLE
- Camera permanently operational
- White balance: auto
- Minimum illumination: 0.1LUX
- Face Recognition Speed: <500ms
- Face Recognition Accuracy:99%

Capacity

- User: 20,000
- Contact： 3,000
- Face Template： 20,000
- Card: 100,000
- PIN: 20,000

Card Type

- EM card
- MIFARE card
- DESFire card （EV1/EV2/EV3）
- Felica card

Networking and Protocol

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

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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