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, Card, PIN, BLE & QR code;**

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

- **Wall-mounted;**

Physical & Power

- Front panel: Aluminum
- Display: 7 Inch IPS LCD
- Screen: 7 Inch capacitive touch screen
- Main Camera: 2M pixels, automatic lighting
- Auxiliary Camera: 1M pixels
- Light sensor: Support
- Infrared sensor: Support
- Wiegand ports: Support
- RS485 ports: Support
- RF card reader: 13.56MHz & 125kHz
- Relays: 2
- Inputs: 2

- Microphone: 1
- Speaker: 1
- BLE: Support
- Ethernet port: RJ45, 10/100Mbps adaptive
- SIM Card Slot: Support
- 12V DC connector
- IP Rating: IP65
- Installation: Wall-mounted
- Size: 324x130x33mm
- Working Humidity: 10~90%
- Working Temperature: -20°C ~ +55°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, 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

Video

- Sensor: 1/2.8", CMOS
- Pixels: CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video resolution: up to 1920x1080p
- Max. image transfer rate: 1080p – 25fps
- Viewing angle: 105°(H) / 55°(V)
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- White LEDs for QR code scanning
- 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

- Android OS for any 3rd party software or customization
- Relays controlled individually by DTMF tones
- Multi-way Unlock: Face, IC/ID Card, PIN and BLE
- Camera permanently operational
- Auto-night mode with LED illumination
- White balance: auto
- Minimum illumination: 0.1LUX

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
- Business information or a welcome experience for guests

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