

***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***

- Enables audio and visual monitoring of doors/gates which increase security on residential or commercial premises;
- Dual camera for anti-counterfeit, completely solve all kinds of photos and video deception on various carries;
- Face verification accuracy >99% ; face comparison speed <0.6s per person; false recognition rate<0.1%;
- Allows both audio and video communication to an IP phone, mobile client, or softphone;
- Enables the ability to remotely control the door/gate;
- Speeds response time to visitors, delivery and service personnel that require access;
- Using LTE technology to combine minimum installation when installed at sites;

**Physical & Power**

- Front panel: Aluminum
- RAM / ROM: 2GB / 16GB
- Display: 7 Inch IPS LCD
- Screen: 7 Inch capacitive touch screen
- Main Camera: 3M pixels, automatic lighting
- Auxiliary Camera: 5M pixels
- Light sensor: Support
- Infrared sensor: Support
- Wiegand ports: Support
- RS485 ports: Support
- RF card reader: 13.56MHz & 125kHz
- Relays In/out: 2/2
- Microphone: -32dB
- Speaker: 8Ω / 2W
- Bluetooth: Support
- Ethernet port: RJ45, 10/100Mbps adaptive
- SIM Card Slot: Support
- 12V DC connector (if not using PoE)
- Water-proof & Dust-proof: IP65
- Installation: Wall-mounted
- Wall-mounted DIM: 324x130x41mm
- Working Humidity: 10~90%
- Working Temperature: -20°C ~ +55°C
- Storage Temperature: -40°C ~ +70°C

**Akuvox**  
Open A Smart World

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## Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711 $\mu$ , 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: 1/3", 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: 120°(H) / 64°(V)
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- White LEDs for QR code scanning
- Compatible to 3<sup>rd</sup>-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 3<sup>rd</sup> 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