

***Perfect Doorphone choice for daily life***

The security that comes with being able to control who comes into your building along with the ability to verbally and visually confirm their identity is immeasurable. Akuvox's Video Doorphone R29C enables you to easily monitor an entrance door or gate and gives you the peace of mind knowing that your facility is more secure.

***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;
- Flush-mounted & surface-mounted;
- Complies with SIP & ONVIF;

**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
- Motion sensor: Support
- Wiegand port: Support
- RS485 port: Support
- RF card reader: 13.56MHz & 125kHz, NFC
- Relays out: 3
- Inputs: 3
- Microphone: 1
- Speaker: 1
- BLE: Support
- Tamper Alarm: Support
- Ethernet port: RJ45, 10/100Mbps adaptive
- 802.3at Power-over-Ethernet
- 12V DC connector (if not using PoE)
- IP Rating: IP65
- IK Rating: IK06
- Installation: Flush-mounted & Wall-mounted
- Size: 324x130x27mm
- Working Humidity: 10~90%
- Working Temperature: -20°C ~ +55°C
- Storage Temperature: -40°C ~ +70°C

## 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, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video resolution: up to 1920x1080
- 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 3<sup>rd</sup>-Party-Video components,

## Networking and Protocol

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

## 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