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 R29CT 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: 105º (H), 55º (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;**
- **Flush-mounted & surface-mounted;**
- **Complies with SIP;**

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 out: 3
- Inputs: 3
- Fingerprint Module: Support
- Microphone: 1
- Speaker: 1
- BLE: Support BT5.0
- 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
- Dimension (HxWxD): 324x130x27mm
- 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.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: 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, BLE, and Fingerprint
- 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

- 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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