

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 R29S 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 & QR code;
- Flush-mounted & surface-mounted;
- Complies with SIP & ONVIF;



Physical & Power

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| • Front panel: Aluminum | • Microphone: 1 |
| • Display: 7 Inch IPS LCD | • Speaker: 1 |
| • Screen: 7 Inch capacitive touch screen | • Tamper Alarm: Support |
| • Camera: 2M pixels, automatic lighting | • Ethernet port: RJ45, 10/100Mbps adaptive |
| • Light sensor: Support | • 802.3at Power-over-Ethernet |
| • Motion sensor: Support | • IP Rating: IP65 |
| • Wiegand port: Support | • IK Rating: IK06 |
| • RS485 port: Support | • Installation: Flush-mounted & Wall-mounted |
| • RF card reader: 13.56MHz & 125kHz, NFC | • Size: 324x130x27mm |
| • Relays out: 3 | • Working Humidity: 10~90% |
| • Inputs: 3 | • 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 3rd-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 3rd party software or customization
- Relays controlled individually by DTMF tones
- Multi-way Unlock: IC/ID Card, and PIN
- 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