

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

- | | |
|--|---|
| <ul style="list-style-type: none"> ● Front panel: Aluminum ● Display: 7 Inch IPS LCD ● Screen: 7 Inch capacitive touch screen ● Camera: 2M pixels, automatic lighting ● Light sensor: Support ● Motion sensor: Support ● Wiegand port: Support ● RS485 port: Support ● RF card reader: 13.56MHz & 125kHz, NFC ● Relays out: 3 ● Inputs: 3 | <ul style="list-style-type: none"> ● Microphone: 1 ● Speaker: 1 ● Tamper Alarm: Support ● Ethernet port: RJ45, 10/100Mbps adaptive ● 802.3at Power-over-Ethernet ● 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 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

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 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: 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

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

- Enables audio and visual monitoring of doors/gates which increase security on residential or commercial premises;
- Multiple ways to unlock the door: Face ID, Fingerprint, ID/IC card, Pin code & BLE;
- 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;
- Presents information and user navigation options unique to your business;
- Speeds response time to visitors, delivery and service personnel that require access;

Physical & Power

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|--|--|
| <ul style="list-style-type: none"> • 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: 1M pixels • Light sensor: Support • Infrared sensor: Support • Wiegand port: Support • RS485 port: Support • RF card reader: 13.56MHz & 125kHz • Relays In/out: 3/3 | <ul style="list-style-type: none"> • Microphone: -32dB • Speaker: 8Ω / 2W • Bluetooth: Support • Ethernet port: RJ45, 10/100Mbps adaptive • 802.3af Power-over-Ethernet • 12V DC connector (if not using PoE) • Water-proof & Dust-proof: IP65 • Installation: Flush-mounted & Wall-mounted • Flush-mounted DIM: 324x130x60mm • Wall-mounted DIM: 324x130x33mm • 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, 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 3rd-Party-Video components,

Networking and Protocol

- Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP, 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: Face, Fingerprint, 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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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 R29 Series enable 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: 120°(H) / 64°(V);
- Two-way audio communication over IP networks with Echo Cancel feature;
- Multi-way access feature including: Face, Card, PIN, BLE & QR code;
- Monitors the body temperature of people entering the building in real time;
- For Indoor use only;

**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: 1M pixels
- Temperature inductor: Support
- Light sensor: Support
- Infrared sensor: Support
- Wiegand & RS485 ports: Support
- RF card reader: 13.56MHz & 125kHz
- Relays In/out: 3/3
- Microphone: 1
- Speaker: 1
- BLE: Support
- Ethernet port: RJ45, 10/100Mbps adaptive
- 802.3af Power-over-Ethernet
- 12V DC connector (if not using PoE)
- 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, 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 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: 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

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- Business information or a welcome experience for guests

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

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
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Application Scenario

- Office door phone with on-site or hosted IP-PBX
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- Apartment/flat intercom with door access control
- Business information or a welcome experience for guests