

# Datasheet

## Akuvox R29C

### 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 smart IP 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

- Enables audio and visual monitoring of doors/gates which increases security on residential or commercial premises;
- Uses the latest H.264 video and G.722 audio codec to provide you with the highest quality video image and audio clarity;
- Dual camera for anti-counterfeit, completely solve all kinds of photos and video deception on various carriers
- 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;

### Akuvox Video Integration



The R29C seamlessly integrates with Akuvox products, and its camera is ideal for working with Akuvox VP-R4X & IT8X series. The real time video is streamed to the 7" TFT LCD of VP-R4X & IT8X and can be viewed at any time. There is no need for any 3<sup>rd</sup> party software or IP PBX support to view the video stream.

#### About Akuvox

Akuvox is a leading provider of SIP Intercom. With experienced R&D team in the field of VoIP and world class STAR-NET's manufacturing facility, Akuvox produces competitive high quality products. Akuvox provides excellent customer service with powerful technical support and partners all over the world. Our products have been deployed in more than 50 countries and well received by the customers.

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## Akuvox R29C

### Physical & Power

- Size: 324x130x27mm (HxWxD)
- Body material: Aluminum
- RAM / ROM: 2GB / 16GB
- Display: 7" IPS LCD
- Screen: 7" capacitive touch screen
- Camera: 3 Mega pixels, automatic lighting
- Relay In/Out: 3/3
- Card reader: 13.56MHz & 125kHz
- RS485 & Weigand port
- IR Sensor
- Installation: On-wall or In-wall
- Water-proof & Dust-proof: IP65

### SIP Endpoint

- SIP v1(RFC2543), SIP v2(RFC3261)
- Audio codecs: G.711a, G.711μ, G.722
- Video codecs: H.264
- Echo Cancellation
- Voice Activation Detection
- Comfort Noise Generator

### Video

- Resolution: up to 1080p
- Maximum image transfer rate: 1080p - 30fps
- High intensity LEDs for picture lighting during dark hours

### Networking

- 10/100 Mbps Ethernet connection
- DHCP Client or Static IP
- Network-Time-Protocol

### Door Entry Feature

- Android OS for any 3rd party software or customization
- Internal DPDT relay for controlling a door opener;
- Relays controlled individually by DTMF tones or messages
- Multi-way Unlock: IC Card, and PassNumber;
- G-sensor for self-defence alarm
- Volume control for speaker
- Gain control for microphone
- Camera permanently operational, not just during calls
- White balance: auto
- Viewing angle: 120 °
- Auto-night mode with LED illumination
- Minimum illumination: 1LUX (without LED illumination)
- Max call length setting

### Application Scenarios

- 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

## Akuvox Door Entry System



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