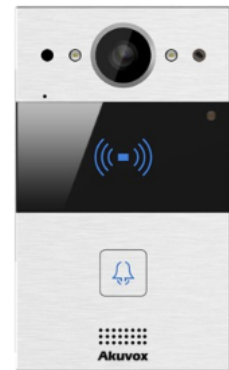


Perfect Doorphone choice for daily life

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 R20A 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

- Vandal resistant body, with a flush button;
- Wide-angle camera: 110° (H), 58° (V);
- PoE (IEEE802.3af, Power-over-Ethernet);
- Two-way audio communication over IP networks with Echo Cancel feature;
- Complies with SIP standard for easy integration in every SIP capable PBXes;
- Complies with ONVIF standard for easy integration with any network surveillance system;



Physical & Power

- | | |
|--|---|
| • Front panel: Aluminum alloy | • Speaker: 4Ω / 3W |
| • Camera: 2M pixels, automatic lighting | • Ethernet port: RJ45, 10/100Mbps adaptive |
| • Button: 1 call button | • 802.3af Power-over-Ethernet |
| • Light sensor: Support | • 12V DC connector (if not using PoE) |
| • Infrared sensor: Support | • Water-proof & Dust-proof: IP65 |
| • Wiegand port: Support | • Installation: Flush-mounted or Wall-mounted |
| • RS485 port: Support | • Flush-mounted DIM: 189x120x56.5mm |
| • RF card reader: 13.56MHz (with NFC) & 125kHz | • Wall-mounted DIM: 145x85x27.5mm |
| • Relays out: 2 | • Working Humidity: 10~90% |
| • Inputs: 2 | • Working Temperature: -40°C ~ +65°C |
| • Microphone: -40dB | • 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: 1/2.7", CMOS
- Pixels: CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264, H.265
- Video resolution: up to 1920x1080p
- Max. image transfer rate: 1080p – 25fps
- Viewing angle: 110°(H) / 58°(V)
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- Compatible to 3rd-Party-Video components, e.g. NVRs

Door Entry Feature

- Relays controlled individually by DTMF tones
- Camera permanently operational
- Auto-night mode with LED illumination
- White balance: auto
- Minimum illumination: 0.1LUX

Networking & Protocol

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

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

Premium Indoor Monitor for Your Home

The Akuvox S563 is an 8-inch SIP indoor monitor that runs on the Android 12 operating system. It features an exceptional speaker and a high-resolution touchscreen display, ensuring an unparalleled audio-visual intercom experience. Its stylish and space-saving design blends seamlessly into modern homes.



At a Glance

- Seamless compatibility with Android 12 OS
- Exceptional two-way audio communication
- Easy integration with SIP PBXes
- Powered by PoE or an external power supply
- Voice changer function to protect vulnerable individuals
- Compatible with US or European electrical wall boxes
- Built-in smart voice assistant

Physical & Power

- Front panel: Plastic
- RAM / ROM: 2GB / 8GB
- Display: 8 Inch IPS LCD
- Screen: 8 Inch capacitive touch screen
- RS485 Port: Support
- Relays Out: 1
- Bell in: 1
- Alarm Input: 8
- Microphone: one microphones, -26dB
- Speaker: one speakers, 4Ω / 2W
- Ethernet Ports: 2xRJ45, 10/100Mbps adaptive
- 802.3af Power-over-Ethernet
- 12V DC Connector (if not using PoE)
- Tamper Resistant: Support
- Installation: Wall-mounted & Desktop
- Dimension: 216.2x124.4x22.1 mm
- Working Humidity: 10~90%
- Working Temperature: -10° C ~ +45° C
- Storage Temperature: -20° C ~ +70° C

Touch Screen Display

- Display Mode: Normally black, Transmissive
- LCD Size: 8 inch (Diagonal)
- Aspect Ratio: 16:10
- Resolution: 1280x800
- Contrast ratio: 1200:1
- Luminance: 310 cd/m²
- Viewing Angle: 80° Left, 80° Right,
80° Upper, 80° Lower
- Touch Screen: Projected capacitive

Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711 μ , 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
- Automatic Gain Control

Video

- Streaming formats: H.263 & H.264

Networking

- Protocols support: IPv4, HTTP, HTTPS, FTP, TFTP,
SNMP, DNS, SNTP, RTSP, SRTP, RTP, TCP, UDP,
TLS, ICMP, DHCP, ARP

Deployment & Maintenance

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup / restore
- Firmware upgrade
- System logs (include door access logs)

Voice Assistant

- Voice pickup distance up to 5 meters
- Voice recognition accuracy up to 95%
- Privacy protection with native voice data
- Support English

Application Scenario

- Villas
- Apartment complexes
- Home automation systems
- Modern interiors