



# A10/A10W SIP mini Intercom

The A10/ A10W SIP mini intercom is designed for indoor scenes with IP54 waterproof and dustproof. Supports wall mounting installation. It combines security, audio intercom and broadcasting functionalities and offers the qualified communication solution for users.

## Highlights

- ✓ Easy installation and configuration.
- ✓ IP54 waterproof and dustproof.
- ✓ -20 °C to 50 °C wide range temperature adaptability.
- ✓ Built-in 1W speaker and Acoustic Echo Cancellor (AEC).
- ✓ Built-in 1short circuit input/output interface.
- ✓ Functionality including security, intercom and broadcasting.
- ✓ Built-in HD camera and with backlight compensation function (for i10V).
- ✓ Online management and upgrade.



Model	Screen	Button	POE	Wifi
A10	10/100Mbps	3	☑	✗
A10W	10/100Mbps	3	☑	☑

## Generic

- 2 SIP Lines
- Auto answer
- Intercom function

## Intercom Function

- Support customized DSS keys
- Network Time Synchronization
- Action URL / Active URL

## Audio

- Narrowband Codec: G.711a/u, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Duplex intercom with Acoustic Echo Cancellor (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

## Networking

- Physical: 10/100 Mbps Ethernet
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- VPN: L2TP / OpenVPN

- VLAN
- LLDP
- QoS

## Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Firmware Upgrade

- Syslog

- Installation: Indoor installation

- working temperature: -10 ~50 °C

- Storage temperature: -20 ~ 50 °C

- Relative humidity: 10% - 90%

- Qty/CTN: 20 PCS

- N.W/CTN:3.41kg

- G.W/CTN:3.6kg

- Equipment Dimension: 87.56 x 87.56 x 30mm (wall-hung type)

- Equipment Dimension: 87.56 x 87.56 x 21.5mm (in 86 box )

- Packing Dimension: 95x106x40mm

- Outer CTN Dimension: 224x220x210mm (20PCS)

- Equipment weight: 130 g

## **Physical Specifications**

- A10/A10W :3 DSS button (Dial key) (SOS Key) ( Hang up key)
- 1 RJ45 port
- 1 short circuit input interface
- 1 relay: NC/NO Contacts, Max DC30V/1A, AC125V/0.5A
- Power: DC12V/1A or POE
- Power Consumption (Adapter): 1.06~2.22W
- Power Consumption (PoE): 1.69~3.68W
- Housing material: ABS