

# SIP-M100

## Access Control Intercom

The face shell of this product is made of high-strength aluminum alloy material with iron bottom shell; waterproof and dustproof design, the standard reaches IP 65; and the anti-removal hexagon screws are used to fix the face shell, which can effectively Prevent floating dust and reduce damage caused by man-made malicious hard objects, it is a reliable intercom product for users.



### Premium Features

#### Support 1/2/3 SIP registration

Emergency call, monitoring center, duty room, to achieve efficient one-key call.

#### Sturdy appearance

The cover is made of aluminum alloy, which can effectively resist the impact of hard objects and prevent malicious damage.

#### High compatibility

IP PBX/softswitch/IMS server system also used for international standard SIP.

#### High security

Protection class Ip65, explosion-proof class IK10.

#### HD intercom

Built-in 3W high-definition microphone and HD (G.722) high-definition sound speaker, background music amplification.

#### Support recording

Can be used with recording system to realize remote server recording storage.



Official website



WeChat public account

**Phone Features**

- 3 SIP lines
- 10 built-in ringtones / upload custom ringtones
- Manual or automatic synchronization of network time
- Dial plan
- Multicast, intercom
- One-touch calling
- blacklist
- Call History: dialed/answered/missed/forwarded calls (1200 records for all)
- Action URL & Action URI

**Audio Features**

- High-fidelity sound quality: HD hands-free
- Wideband codec: G.722,
- Narrowband codec: G.711(A/μ), G.723.1, G.729AB, G.726
- DTMF: In-band transmission (In-band), out-of-band transmission (RFC 2833), SIP INFO
- Acoustic Echo Cancellation (AEC)
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Packet Loss Compensation (PLC)
- Background Noise Detection (BNE)
- Automatic Gain Control (AGC)
- Dynamic adaptive RTP jitter buffer up to 300ms
- Pickup range: 5 meters

**Configuration and Maintenance**

- Web configuration
- Phone configuration
- Automatic Deployment: Support FTP/TFTP/HTTP/HTTPS/SIP PnP/TR-069
- BIN/CFG configuration export/import
- Contact export/import
- CSTA remote control
- Network packet capture and diagnosis
- Reset
- System firmware upgrade

**Network Features**

- Support IPv4/IPv6/IPv4&IPv6
- IP Address Assignment Mode : Static IP / HDCP
- Virtual LAN: VLAN
- Data Link Layer Protocol: CDP / LLDP
- SIP v1 (RFC2543), v2 (RFC3261)
- Supports redundant servers
- ICE
- Support STUN (NAT session traversal)
- Support UDP / TCP / TLS transport
- Support SRTP encryption protocol
- SIP trust server (anti-attack mechanism)
- HTTP/HTTPS
- TR-069 Network Management Protocol
- SNTP automatically synchronizes network date and time
- QoS: 802.1p/Q tagging (VLAN), Layer3/ToS/DSCP
- HTTPS certificate management
- Configuration file encryption
- Support information verification mechanism
- RTCP-XR, VQ-RTCPXR
- OpenVPN, IEEE802.1X

**Phone interface**

- 2 x RJ-45 10/100M adaptive Ethernet ports(Internet port, bridge port)
- 5V DC power input interface

**Physical Specifications**

- Button indicator: red, green, white
- Telephone keypad
- 1/2/3 SIP line keys (with LED lights)
- PoE powered
- Shell material: aluminum alloy face shell, iron bottom shell
- Color: silver brushed black sand grain paint
- Installation method
- Wall-mounted
- Recessed wall
- Size: 11.5cm L\*4.1cm W\*19.1cm H
- Power consumption: 2W
- Working environment humidity: 10~95%
- Working ambient temperature: -10~50° C (+14~122° F)

**Outer box**

- packing list:
- Voice intercom
- cable
- Quick start guide
- Weight: 0.9kg

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