

# SOS-ZA02 SIP Video Intercom

SOS-ZA02 are series of SIP video intercom terminals that integrates HD camera and advances audio system with echo cancellation functionality, it supports H.264 video codec and 1080P HD display. This product is used in conjunction with indoor monitors to view the video door phone camera screen while users are communicating with the called party. Among them, the SOS-ZA02 carries a 4G antenna that allows users to talk to the called party at any time in a wireless situation.

The SOS-ZA02 offers a one-touch alarm function for users to contact the management system in emergency situations. Constructed from aluminum alloy, it is waterproof and vandal-proof, supporting both embedded and wall-mounted installations. This terminal facilitates connection to the internet and IOT through business control systems, supports a wide range of interface linkages and remote controls, ensuring safer and more efficient communication. With its broad application scenarios, it is ideal for industry users, building management, banks, schools, tourist attractions, stations, and technology parks, serving as an integral part of intelligent access control and intercom security systems.





### Access Control

Two SIP lines, Two SIP servers

Unlock door method: DTMF tones

**(RFID card supported by DP92V-MS/MD/MSG/MDG)**

### Door Phone features:

Full-duplex

Default auto answer

Action URL/Active URI remote control

Speed Dial

### Environments

Working Temperature: -35~65°C

Storage Temperature: -40~80 °C

Relative Humidity: 10%~90%

### Physical Interfaces

1 port 10M/100M RJ45 Ethernet, POE

1 ports Relay output

1 port sensor short circuit input

1 port exit button

1 port 8Ω speaker

1 port MIC

1 port RS232

1 port DSS key

### 4G Features(Supported by DP92V-G Series)

1 nano SIM slot

LTE: B1/3/5/8/34/38/39/40/41

FDD-LTE: Max 10Mbps(DL), 5Mbps(UL)

TDD-LTE: Max 8.96Mbps(DL), 3.1Mbps(UL)

LTE Working Frequency:

23 ±2dBm(Power class 3)

## Administration Features

Auto provisioning:  
FTP/TFTP/HTTP/HTTPS/PnP  
HTTP/HTTPS Web Management  
Configuration keypad-based  
management  
SNMP/TR069  
NTP/Daylight Saving Time  
Firmware Upgrade via Web  
Syslog  
Configuration backup/restore

## Protocols & Network

SIP v1(RFC2543), v2(RFC3261)  
SIP over TLS, SRTP  
Onvif  
TCP/IPv4/UDP  
RTP/RTCP, RFC2198, 1889  
HTTP/HTTPS/FTP/TFTP  
ARP/RARP/ICMP/NTP  
DNS SRV/A Query/NATPR Query  
Primary/Secondary DNS  
STUN, Session timer  
802.1p/q, DSCP, 802.1x  
DHCP/Static/PPPoE

## Audio Features

HD voice  
Two-way audio stream  
**Wideband codec:** G.722  
**Narrowband codec:** PCMA, PCMU,  
G.729, G.723\_53, G.723\_63, G.726\_32  
Echo cancellation with G.168  
Voice activity detection (VAD)  
Comfort noise generator(CNG)  
Built-in Micro and speaker  
Acoustic echo cancellation audio output

## Physical Specifications

1 call button: (DP92V-S/MS/SG/MSG)  
2 call button: (DP92V-D/MD/DG/MDG)  
Aluminum surface, Metal bottom shell  
**Power Supply:** DC 12V1A or 802.3af PoE  
**Power Requirements:** 802.3af PoE class 3  
1xRJ45 10/100M Ethernet jacks  
**Installation:** Wall-mounted  
**Device Dimensions(L\*W\*H):** 105\*175\*40mm  
**Package Box Dimensions(L\*W\*H):** 244\*86\*170mm  
**Outer Box Dimensions(L\*W\*H):** 450\*355\*265mm

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