

## DP98 Series SIP Audio Intercom

DP98 series are series of SIP audio intercom terminals equipped with an advanced audio system featuring echo cancellation. Among them, the DP98V series integrate HD camera, it supports H.264 video codec and 1080P HD display. Designed for use alongside indoor intercoms, it enables users to communicate with the callee at any time.

The DP98 series offer DTMF keyless control for convenient unlocking. If users have electronic door lock, they can remotely control the opening and closing of the door lock, also can use the unlock code and RFID card to unlock the door. This product can achieve secure, convenient, and efficient communication through an internet connection. It also provides enhanced support for office communication system, dispatch system, residential security communication, and other scenarios.



DP98-MS



DP98V-MS

Model	HD Audio	HD Camera	Door Access
DP98-MS	√	×	DTMF tones, RFID card
DP98V-MS	√	√	DTMF tones, RFID card

---

### Access Control

Two SIP lines, Two SIP servers

Door Access: DTMF tones, RFID card

### Door Phone features:

Full-duplex

Default auto answer

Action URL/Active URI remote control

Speed Dial

### Physical Interfaces

1 port 10M/100M RJ45 Ethernet, POE

1 port relay output

1 port sensor short circuit input

1 port recording output

1 port 8Ω speaker

1 port MIC

2 ports DSS key

### Environments

Working Temperature: -35~65°C

Storage Temperature: -40~70 °C

Relative Humidity: 10%~90%

### 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

## 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

## Physical Specifications

1 call button  
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):** 88\*173\*37mm  
**Package Box Dimensions(L\*W\*H):** 140\*72\*198mm  
**Outer Box Dimensions(L\*W\*H):** 415\*380\*310mm

## Protocols & Network

SIP v1(RFC2543), v2(RFC3261)  
SIP over TLS, SRTP  
Onvif  
TCP/IPv4/UDP  
RTP/RTCP, RFC2198, 1889  
HTTP/HTTPS/FTP/TFTP/ONVIF  
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  
**DTMF Mode:**  
In-Band, RFC2833 and SIP INFO

---

### Shenzhen Dinstar Co.,Ltd.

Floor 18, Building 7A, Vanke Cloud City Phase 1,  
Xingke 1st Street, Xili Sub-district, Nanshan  
District, Shenzhen, P.R. China 518000

www.dinstar.com  
sales@dinstar.com

**DINSTAR**

### About Us

Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.