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-S | DP98-MS | DP98V-S | DP98V-MS |

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

Access Control

Two SIP lines, Two SIP servers

Door Access: DTMF tones, RFID card

(RFID card supported by DP98-MS, DP98V-MS)

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℃

Storage Temperature: -40~70 ℃

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

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.