

DP81-1B SIP Audio Intercom

The DP81-1B is a single-button SIP voice intercom door phone that integrates an advanced audio system with echo cancellation functionality. This product is used in conjunction with indoor intercoms to enable voice conversations between users and the called party.

The DP81-1B offers DTMF keyless control for convenient unlocking. If users have electronic door locks, they can remotely control the opening and closing of the door lock. Additionally, the DP81-1B features a one-button alarm function and can achieve secure, convenient, and efficient communication through an internet connection. It also provides enhanced support for office communication systems, dispatch systems, residential security communication, and other scenarios.

Highlights

HD Audio

Wall mounting

One-touch button for emergency calling

Protection Standards:

Compliant Standards: EN 62262 IK10

Compliant Standards: IP65

-30°C to 65°C wide range temperature adaptability

Unlock door with DTMF



HD



PoE



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

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 and Secondary DNS servers

STUN, Session timer

802.1p/q, DSCP,802.1x

DHCP/Static/PPPoE

DTMF Mode:

In-Band, RFC2833 and SIP INFO

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): 120*153*40mm

Package Box Dimensions(L*W*H): 195*86*170mm

Outer Box Dimensions(L*W*H): 535*355*230mm

Access Control

Two SIP lines, Two SIP servers

Unlock door method: DTMF tones

Door Phone features:

Full-duplex

Default auto answer

Action URL/Active URI remote control

Speed dial

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 Interfaces

1 port 100M/10M RJ45 Ethernet, POE

1 port recording output

1 port 8Ω speaker

1 port analog audio output

1 port external audio input

1 port MIC

1 port tamper proof detection

1 port external Wiegand card reader

1 port RS232

1 port DSS key

2 ports relay output

2 ports sensor short circuit input

2 ports exit button

Environments

Working Temperature: -30~65 °C

Storage Temperature: -40~70 °C

Relative Humidity: 10%~90%

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.