DP82/83/85-1B SIP Video Door Phone

DP82-1B is a single-button SIP voice door phone with RFID card reader 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 DP83/85-1B also integrates HD camera that supports H.264 video codec and 1080P HD display. Used together with indoor monitors, the DP83/85-1B can view the video door phone camera screen while users are communicating with the called party. Additionally, the DP82/85-1B also supports using RFID card to unlock the door.

The DP82/83/85-1B 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, this series of products 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.

DP82-1B

HD   PoE

DP83-1B

1080P HD   PoE

DP85-1B

1080P HD   PoE

	HD Audio	HD Camera	Protection Standards: IK10,IP65	Door Access
DP82-1B	√	✕	√	DTMF tones, RFID card
DP83-1B	√	√	√	DTMF tones
DP85-1B	√	√	√	DTMF tones, RFID card

Video Features (Supported by DP83/85-1B)

4M Pixels color CMOS camera

Maximum image transfer rate: 1080p -25fps

Video Codec: H.264/H.265

Resolution: up to 1920 x 1080

Viewing Angle: 80°(H), 60°(V)

Minimum Illumination: 0.1lux

Access Control

Two SIP line, Two SIP servers

Door Access: DTMF tones, password, RFID card

(RFID card supported by DP82/85-1B)

Door Phone features:

Full-duplex

Default auto answer

Action URL/Active URI remote control

Speed dial

Environments

Working Temperature:-30~65 ℃

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

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

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*200*40mm
Package Box Dimensions(L*W*H): 244*86*170mm
Outer Box Dimensions(L*W*H): 450*355*265mm

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 Ethernet camera interface,

support H264/H265

(Supported by DP83/85-1B)

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