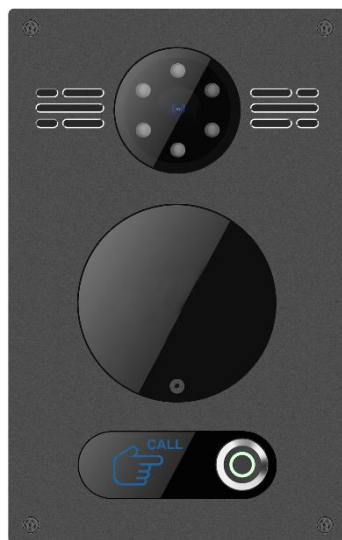


DP82U/83U/85U-1B SIP Video Door Phone

DP82U-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 DP83U/85U-1B also integrates HD camera that supports H.264 video codec and 1080P HD display. Used together with indoor monitors, the DP83U/85U-1B can view the video door phone camera screen while users are communicating with the called party. Additionally, the DP82U/85U-1B also supports using RFID card to unlock the door.

The DP82U/83U/85U-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.

**DP82U-1B****HD****PoE****DP83U-1B****1080P HD****HD****PoE****DP85U-1B****1080P HD****HD****PoE**



	HD Audio	HD Camera	Protection Standards: IK10,IP65	Door Access
DP82U-1B	√	×	√	DTMF tones, RFID card
DP83U-1B	√	√	√	DTMF tones
DP85U-1B	√	√	√	DTMF tones, RFID card

Video Features (Supported by DP83U/85U-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 DP82U/85U-1B)

Door Phone features:

Full-duplex
 Default auto answer
 Action URL/Active URI remote control
 Speed dial

Environments

Working Temperature:-30~65 °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



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 DP83U/85U-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

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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.