

Dual-Button

# SIP Door Phone

**DP81**

HD Audio

Unlock door with DTMF



HD



PoE



## Overview

The DP81 is an One-button SIP Door Phone with advanced audio system with the echo cancellation function. with the DP70 indoor touch screen control pad, you can speak to visitors at any time.

The DP81 offers keyless control and convenience for the users opening the door without a key. The door can be opened remotely if there is an electronic door lock. It's ideal for control communication and security over internet such as business, institutional and residential applications.



## Access Control

Dual SIP line, Dual SIP servers

Door Access: 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 Interface

1 port 100M/10M RJ45 Ethernet, PoE

2 ports delay output

2 ports sensor short circuit input

2 ports exit button

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

2 ports DSS key

## Environments

Operating Temperature: -20~65 °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,  
G723\_53, G723\_63, G726\_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

Wall-mounted installation

**Dimensions:** 153\*120\*38 mm