

## Dual-Button

# SIP Video Intercom

## DP83

HD Audio

1080P HD Camera

Wall mounting

One-touch call

Metal housing, IP65, IK10

Unlock door with DTMF



1080P



HD



PoE



## Overview

The DP83 is a Dual-button SIP video intercom with the integrated HD camera and advanced audio system. It supports H.264 video compression format and delivers excellent video quality in 1080p video resolutions. with the DP70 touch screen control pad, you can remote communication with caller and confirm the surroundings any time.

The DP83 offers keyless control and convenience for the users opening the door without a key. The door can be open remotely via DTMF if there is an electronic door lock. DP83 also support one touch button for emergency calling. It's ideal for control communication and security over internet such as command and dispatch, business, institutions applications, etc.



## Video Features

3M Pixels color CMOS camera  
Maximum image transfer rate: 1080p -25fps  
Video Codec: H.264  
Resolution: up to 1920 x 1080  
Viewing Angle: 80° (H), 60° (V)  
Minimum Illumination: 0.1lux

## 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  
1 port Ethernet camera interface, support H264/H265  
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

## 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

2 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:** 200\*120\*38 mm

## Environments

Operating Temperature:-20~65 °C  
Storage Temperature: -40~70 °C  
Relative Humidity: 10~90%