## Dual-Button

# SIP Video Intercom

## DP85

HD Audio

1080P HD Camera

Wall mounting

One-touch call

Metal housing,  IP65, IK10

Unlock door with DTMF or IC card

| 1080P | HD | PoE |
|---|---|---|

## Overview

The DP85 is a Dual-button SIP video intercom with the integrated HD camera, RF card reader 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 DP85 offers keyless control and convenience for the users which supports many ways of opening the door without a key. The door can be open remotely via DTMF but also local IC card if there is an electronic door lock. DP85 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, RFID card
**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 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
Card reader area
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 ℃
Storage Temperature: -40~70 ℃
Relative Humidity:  10~90%