



# SIP Video Door station

AVCDS1

## Single Button Video Door Station

WatchNET's Video Door Phone AVCDS1 is a commercial grade full metal body intercom that is weather proof and easy to install. SIP technology enables easy communication with any EPBX or SIP telephone.

- ❖ Once registered with SIP server the door phone can call landline or mobile phone for video and audio communication
- ❖ Built-in HD camera can be viewed and recorded on any ONVIF supported NVR (Network Video recorders)
- ❖ Easily monitor an entrance door or gate and gives you the peace of mind knowing that your facility is more secure
- ❖ Vandal resistant body, surface mount
- ❖ Wide-angle camera: 120°
- ❖ PoE (IEEE802.3af, Power-over-Ethernet)
- ❖ Complies with SIP standard for easy integration in every SIP capable EPBX



Door Phone



En Suite Monitor Station



Mobile Device



Display Phone Station



## Physical & Power

- **Body material:**  
All-aluminum
- **Camera:**  
720p, automatic lighting
- **Button:**  
1 call button
- **Output Relay:**  
2 output relays for door opener
- **PoE:**  
802.3af Power-over-Ethernet
- **12V DC connector (if not using PoE)**
- **Power consumption:**  
Less than 12W
- **G-sensor for tamper alarm**
- **Water-proof & Dust-proof:**  
IP65
- **Installation:**  
Wall-mounted
- **Dimension:**  
90mm x 145mm x 35mm  
3.5" x 5.75" x 1.5"

## SIP Endpoint

- **SIP:**  
SIP v1(RFC2543), SIP v2(RFC3261)
- **Audio Codecs:**  
G.711a, G.711 $\mu$ , G.722, G.729
- **Video codec:**  
H.264
- **Speech Quality:**  
7kHz Audio
- **Echo Cancellation**
- **Voice Activation Detection**
- **Comfort Noise Generator**

## Video

- **Resolution:**  
Up to 720p
- **Maximum image transfer rate**  
720p - 30fps
- **High intensity white LEDs for picture lighting during dark hours with internal light sensor**
- **Compatible to 3rd Party Video components, e.g. NVRs**

## Door Entry Features

- **Relays controlled individually by DTMF tones**
- **Camera permanently operational**
- **White balance:**  
Auto
- **Auto-night mode with LED illumination**
- **Minimum illumination**  
0.1LUX

## Networking

- **1x10/100 Mbps Ethernet port**
- **Protocols support:**  
IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP

## Application Scenarios

- **Office door phone with on-site or hosted IP-PBX**
- **Remote site entry over Internet**
- **Logistics & Transportation: airports, parking lots**
- **Villa intercom with door access control**

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