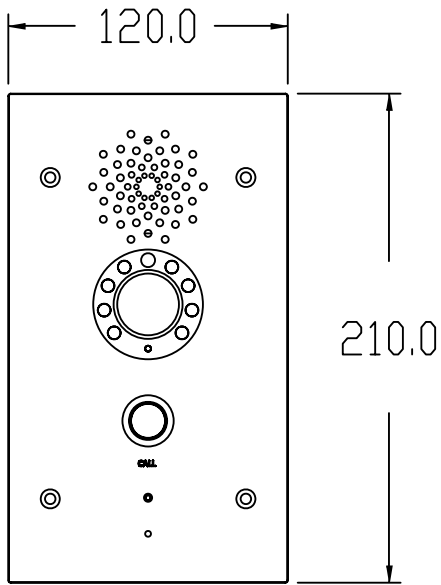# ◤ TOA   SIP VIDEO DOOR STATION   N-SP80VS1 Q

◼ KEY FEATRUES

- AEC, Noise canceller for noise free, intelligible conversations
- Speech Quality is up-to 7kHz Audio
- 3M pixel Camera built-in, a photosensor turns on InfraRed light for capturing pictures in darkness
- H.264 MPEG-4, MJPEG for Video Codec, and G.711a/μ, G.722, G.729 for Audio Codec
- PoE (IEEE802.3af, Power Over Ethernet) is supported
- Supported network protocols are HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, ICMP, DHCP, ARP
- Supported Network Security are SIP over TLS, HTTPS, SRTP (encryption of streaming)
- Unlimited number of stations are available in one system by using Peer-to-peer mode
- In addition to the call button, the door station has two control inputs, and 2 relay outputs for interface to access control, etc.
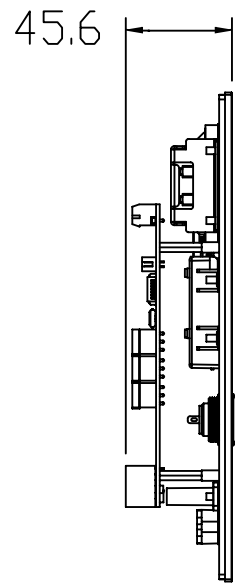- System configuration, control and monitoring via web browser

◼ SPECIFICATION

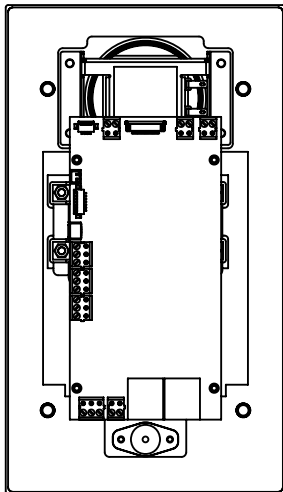|	
Phone Features	Web support multi-language Auto-answer Volume control Direct IP call without SIP proxy Auto-Provision

Network Features	2x10/100Mbps Ethernet Port
	Security: Password Protection, IP address filtering, SIP over TLS,
	       HTTPS encryption, user access log
	Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP,
	       RTP, TCP, UDP, ICMP, DHCP, ARP

SIP Features	SIP v1(RFC2543), SIP v2(RFC3261) Audio codecs: G.711a, G.711μ, G.722, G.729 Video codecs: H.264 MPEG-4/MJEG (E21V only) Speech Quality: 7kHz Audio Echo Cancellation Voice Activation Detection Comfort Noise Generator
Switches	1 Call button, 1 reset button (on board)
Camera	3M pixels
Resolution	up to 1080p
Microphone	1 integrated microphone, IP67
Speaker	1W, IP66
Control Input	2 input relays for alarm/ (Voltage, Current)
Control Output	2 output relays for door opener/ (Voltage, Current)
Indication	Status lamp (colors: red, green, blue)
Power Source	12V DC
Power Consumption	less than 12W
IP Grade	IP65
Installation	Flush-mounted, Fit in Clipsal 164/4 back box
Operating Temperature	-20℃～55℃ (-4 °F - 131° F)
Finish	Plate: Stainless steel
Dimension	210(H)x120(W)x45.6(D)mm (8.27" x 4.72" x 1.8")

■ APPEARANCE

120.0

210.0

[Front]

45.6

[Side]

[rear]

Unit: mm

TOA Corporation

DWG No. C1304160xx