



MDP-2108

720P SIP Video Door Phone with RFID & PoE



Best Choice Office / Home Access Control

- ✔ Full-duplex AEC & noise reduction    ✔ High definition video & voice    ✔ SIP& Asterisk multi-platform    ✔ RFID and mobile access

BENEFITS	<ul style="list-style-type: none"><li>· Provides Anti-tamper and Advanced Protection</li><li>· See/Talk visitors with High Definition Video and Voice</li><li>· Unlock the door with an RFID, Remote DTMF or Local Password</li><li>· Control Communication and Security over Internet</li></ul>
HARDWARE	<ul style="list-style-type: none"><li>· HD camera with infrared light and night vision</li><li>· Three IR LEDs provide clear image in low light condition</li><li>· Wall-mount design for outdoor unit</li><li>· Tamperproof protection - Alarm will sound when cover is removed from the housing</li><li>· Supports several ways of opening door</li></ul>
VIDEO AND AUDIO	<ul style="list-style-type: none"><li>· Maximum resolution 1280 x 720 @ 30 fps</li><li>· Acoustic Echo Cancellation (AEC) is featured on speaker path</li><li>· Adjustable brightness, contrast and volume settings</li><li>· Full-duplex noise reduction and voice recognition are possible in distance of up to 5 meters</li><li>· HD voice using wideband G.722 coding produces clearer sound</li><li>· Barge-in and calls can be switched automatically</li></ul>
NETWORK AND CONFIGURATION	<ul style="list-style-type: none"><li>· Standard IETF SIP protocol</li><li>· Compatible with the Asterisk IP PBX systems or various platforms</li><li>· Compliant with IEEE 802.3af PoE interface for flexible deployment</li><li>· VPN, VLAN, QoS, 802.1x, HTTPS, TR069 and auto-provisioning</li></ul>
EASY INSTALLATION AND MANAGEMENT	<ul style="list-style-type: none"><li>· Hands-free intercommunication</li><li>· Have peace of mind from being able to see, hear and speak to your visitors before opening the door</li><li>· Conveniently unlock the door for visitors without having to go to it</li></ul>



## Security is Ensured with MDP-2108 Video Door Phone

MDP-2108 is a SIP Door Phone with RFID and PoE feature. It supports H.264/H.263 compression format and delivers excellent picture quality in 720P HD resolution at 10~30 frames per second (fps). The door phone has night vision that can capture any unusual activity in low light. It also supports HD (High Definition) voice and G.722 codec that relax bandwidth limitation and provide clear communications. It provides the flexibility and control required for high-quality property complex visitor management, property protection, intercom, and message service.

## Keyless Control and Convenience

MDP-2108 advancements in office door lock security have been enhanced with secure authentication technology which supports many ways of opening door without a key. The door can be open via an RFID card. Thus, you can enter your office with RFID card. With our mobile app, you also can open the door by Android or iOS mobile phone.



## SIP 2.0 Standard Compliance

The MDP-2108 supports Session Initiation Protocol 2.0 (RFC 3261) for easy integration with general voice over IP system. The IP phone is able to broadly interoperate with equipment provided by VoIP infrastructure providers, thus enabling them to provide their customers with better multimedia exchange services.





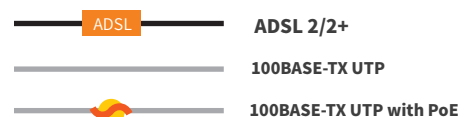
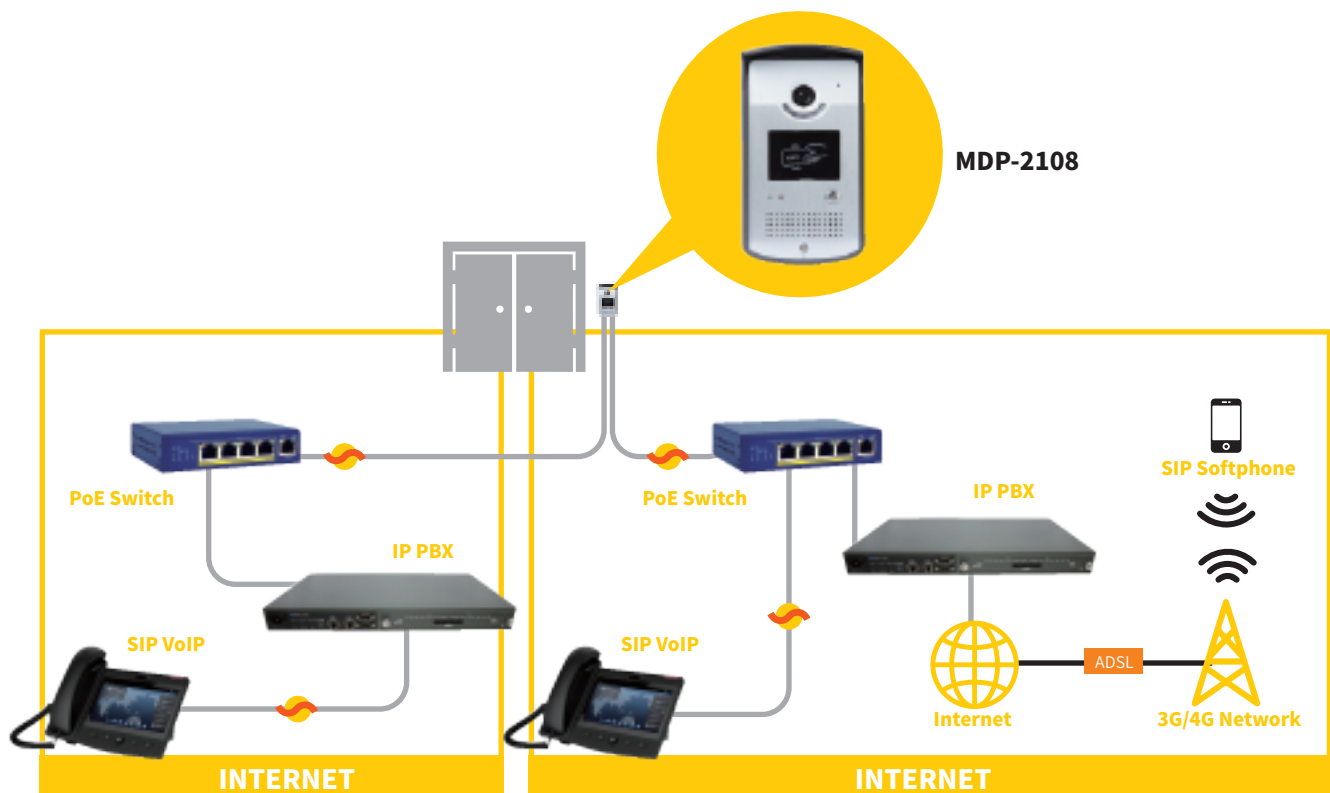
## AEC (Acoustic Echo Cancellation)

Acoustic Echo Cancellation (AEC) technology is adopted in MDP-2108 Door Phone is able to let users to minimize the voice/sound signal distortion shown in the diagram below, thus guaranteeing the best-in-class sound quality.



## Applications

The specially-designed unit also features a 720P SIP Door Phone with RFID and PoE that enables users to take care of the homes or offices. This reliable and quality product has become a necessity of our life as our security is ensured. The MDP-2108 supports 802.3af PoE interface without worrying the electric source. It supports two-way voice communication and remote door release function. Additionally, the MDP-2108 has an excellent interoperability using SIP standard VoIP signaling feature by interworking with IP PBX services and video phone.





## Specifications

Product	MDP-2108
<b>Camera</b>	
Image Device	1280 x 760, CMOS
Monitoring Range	5 meters
LED	White LED x 3, effective up to 5 meters
<b>Video</b>	
Video Codec	H.264/H.263
Image Codec	JPEG/PNG/BMP/GIF
Video Format	MP4/3GP/FLV
Frame Rate	10~30fps
<b>Audio</b>	
Audio Streaming	Two-way audio
Narrowband Codec	G.711a/u, G.723.1, G.726-32K, G.729AB, iLBC, AMR
Microphone	Built-in microphone and speaker input
Audio Output	Acoustic Echo Cancellation
DTMF	In-band, Out-of-Band (RFC2833), SIP info
Omnidirectional Pickup	Pickup distance of 5m
<b>Network and Configuration</b>	
Network Standard	IEEE 802.3 10BASE-T
	IEEE 802.3u 100BASE-T
	IEEE 802.3ab 1000BASE-T
IP Configuration	Static/DHCP/PPPoE
Network Access Control	802.1x
VLAN	802.1p
QoS	DSCP
Protocol	IETF SIP 2.0 over UDP/TCP/TLS
	RTP/RTCP/SRTP
	STUN
	SNTP
	FTP/TFTP
	HTTP/HTTPS
Functions	TR069
	Intercom, RFID card, call log, open door log, programmable DSS key, network time synchronization, speed dial, auto-answering, hotline
<b>General</b>	
Keypad	13 keys, including 12 standard phone digit keys 1 hands-free key or DSS keys (speed dial)
Power Requirements	802.3af, Class 3
Weight	1.52kg
Dimensions (W x D x H)	223 x 130 x 74 mm
Emission	CE, FCC
Connectors	10/100Mbps Ethernet, RJ45
	Call Button
	Relay Output Port (control door lock or alarm) DI Port (for door sensor, PIR, emergency button)
Installation	Wall-mount type
External Power Supply	12V±15%/1A DC
<b>Environments</b>	
Storage Temperature	0~40°C
Operating Humidity	10~90%

## Ordering Information

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