Midas Touch
magic embedded

MDP-2104

720P SIP Video Door Phone with PoE

Best Choice Office / Home Access Control

☑ Full-duplex AEC & noise reduction   ☑ High definition video & voice   ☑ SIP& Asterisk multi-platform   ☑ RFID and mobile access
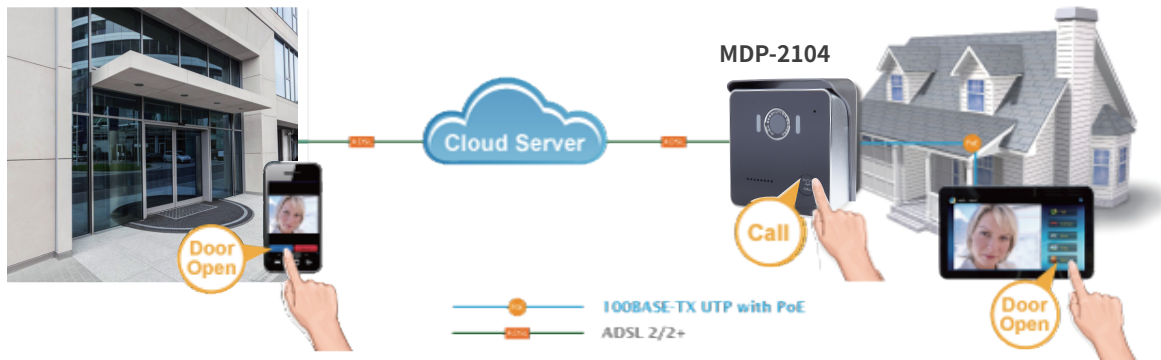
Keyless Control and Convenience

MDP-2104 is a SIP Video Door Phone with PoE feature. It supports H.264 / MJPEG compression formats and delivers excellent picture quality in 720P HD resolutions at 20 frames per second (fps). The video door phone has night vision that you can see short distances in low light. It provides the flexibility and controlrequired for high-quality property complex visitor management, property protection, intercom, and message service.

HARDWARE	· 1/4" progressive scan CMOS sensor · Compact size – small camera intercom for non-invasive appearance · Six white LEDs provide clear image in low light conditions · Wall-mount and desktop design for indoor unit
VIDEO AND AUDIO	· Maximum resolution 1280 x 720 · Acoustic Echo Cancellation on speaker path · Adjustable brightness, contrast and volume settings · Two-way Communication
NETWORK AND CONFIGURATION	· Compliant with IEEE 802.3af PoE interface for flexible deployment · Compatible with most modern IP PBX systems · Standard SIP protocol
EASY INSTALLATION AND MANAGEMENT	· Hands-free intercommunication · Have peace of mind from being able to see, hear and speak to your visitors before opening the door · Conveniently unlock the door for visitors without having to go to it · App and control pad alerts for any situation

Easy Communication via Intercom

The two-way intercom function provided by the MDP-2104 allows you to see the visitors and also communicate with them. The MDP-2104 includes inputs/outputs for connecting to external devices such as door lock or door sensors. When the visitors press the call button at your door, you can press the unlock button on your mobile phone or touch screen control pad to open the door for your visitors.
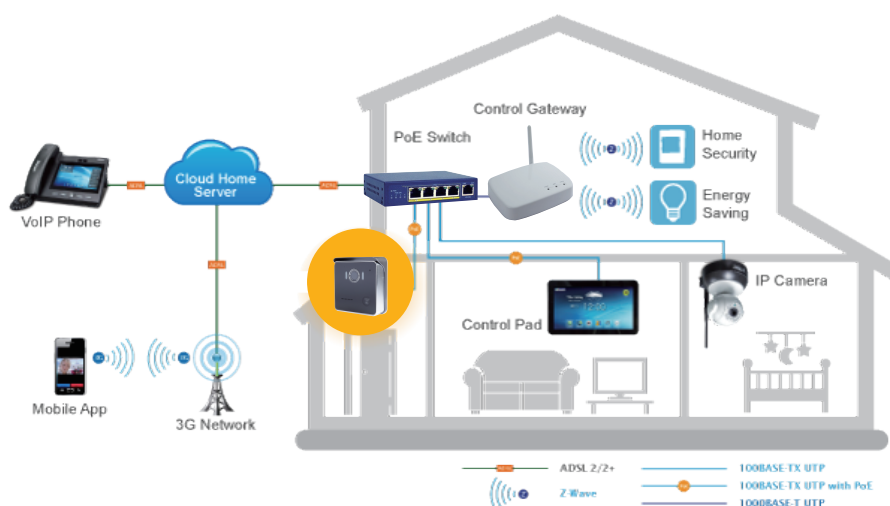

AEC (Acoustic Echo Cancellation)

Acoustic Echo Cancellation (AEC) technology is adopted in MDP-2104 Video Door Phone to enable users to minimize the voice sound signal distortion shown in the diagram below, thus guaranteeing the best-in-class sound quality.

Applications

The MDP-2104 supports 802.3af PoE interface without worrying the electric source. It supports two-way voice communication and remote door release function, which is applicable via any iOS and Android mobile phone and the HTS-1000P touch screen control pad. With the Wi-Fi/3G/4G connection, intercom and door release can all be remotely controlled by your smart phone or tablet no matter what your location is, even you are away from home.Additionally, the MDP-2104 has an excellent interoperability using SIP standard VoIP signaling feature by interworking with IP PBX services and video phone.

Specifications

Product	MDP-2104
Camera	
Image Device	1/4" 1 mega-pixel progressive scan CMOS sensor
View Angle	112.4-degree wide-ranging horizontal view angle
Monitoring Range	3 meters
LED	White LED x 6, effective up to 0.6 meters
Video	
Video Compression	H.264 / M-JPEG
Video Resolution	H.264: 720p / 640 x 480 / 320 x 240 MJPEG: 720p / 640 x 480 / 320 x 240
Frame Rate	Up to 20fps for all resolutions
Audio	
Audio Streaming	Two-way audio
Narrowband Codec	RTSP: G.711, AAC
Microphone	Built-in microphone and speaker input
Audio Output	Acoustic Echo Cancellation
Network and Configuration	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Protocol	SIP 2.0 (RFC 3261), IPv4, TCP/IP, HTTP, DDNS, DHCP, RTSP, DNS, PPPoE
Functions	Intercom Doorbell Control Manual Alarm Monitoring
General	
Power Requirements	IEEE 802.3af Class 3
Operating Temperature	10 ~ 45 degrees C
Operating Humidity	0 ~ 90% (non-condensing)
Weight	290g
Dimensions (W x D x H)	114 x 114 x 35 mm
Installation	Wall-mount type
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)

Ordering Information

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