

720p SIP Multi-unit Video Door Phone with RFID and PoE



Security is Ensured with PLANET Video Door Phone

PLANET HDP-5240PT is a SIP Door Phone with PoE feature. It supports H.264 video compression format and delivers excellent picture quality in 720p HD video resolutions at 10~30 frames per second (fps). 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.



High-quality Audio and Video

With the integrated HD camera and advanced audio system with the echo cancellation function, the intercom provides sharp images and excellent audibility in all conditions. With the HTS-1000P touch screen control pad, you can view video from the intercom camera at any time. This allows you to have a constant overview of what is happening outside the door.



Benefits

- See/Talk visitors with High Definition Video & Voice
- Unlock the door with an RFID, Remote DTMF or Local Password
- Control Communication and Security over Internet

Hardware

- HD camera with infrared light and night vision
- IP65 for rigorous environment
- Supports several ways of opening door (DTMF, password, RFID card, switch)
- -20 to 60 degrees C operating temperature

Video and Audio

- Maximum resolution 1280 x 720 @ 30 fps
- Acoustic Echo Cancellation (AEC) is featured on speaker path
- Adjustable brightness, contrast and volume settings
- HD voice using wideband G.722 coding produces clearer sound
- Barge-in and calls can be switched automatically

Network and Configuration

- Standard IETF SIP protocol (RFC2361)
- Compatible with the Asterisk IP PBX systems or various platforms
- Compliant with IEEE 802.3at/af PoE interface for flexible deployment
- VPN, VLAN, QoS, 802.1x, HTTPS, TR069 and auto-provisioning

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

Keyless Control and Convenience

PLANET HDP-5240PT advancements in residential door lock security have been enhanced with secure authentication technology which supports many ways of opening door without a key. The door not only can be open via an RFID card but also a password if it is an electronic door lock. Thus, you can enter your home without having to use a key.



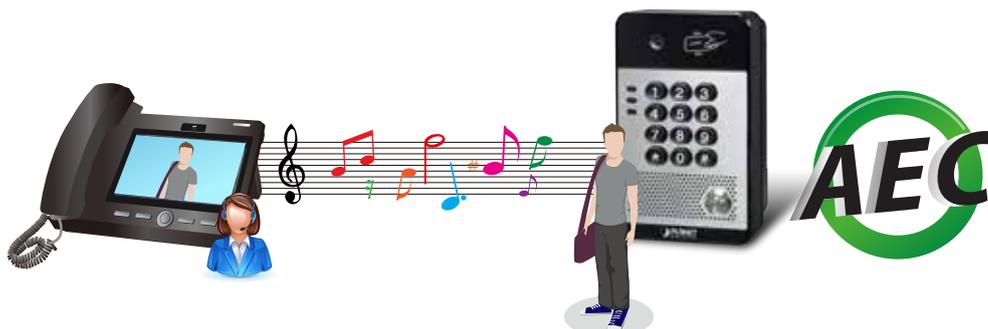
SIP 2.0 Standard Compliance

The HDP-5240PT 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.



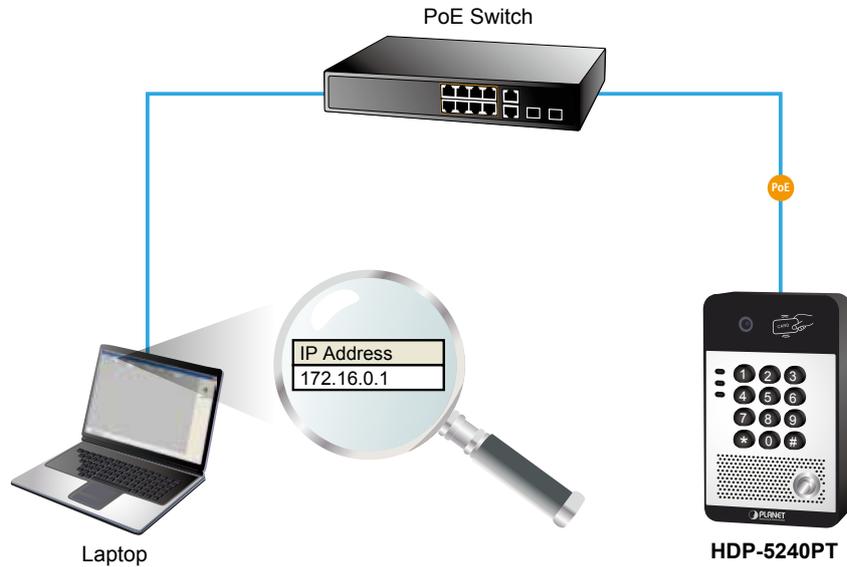
AEC (Acoustic Echo Cancellation)

Acoustic Echo Cancellation (AEC) technology is adopted in PLANET's HDP-5240PT Door Phone and HTS-1000P Touch Screen Control Pad to enable users to minimize the voice/sound signal distortion shown in the diagram below, thus guaranteeing the best-in-class sound quality.



Finding the Door Phone via Planet Search Tool

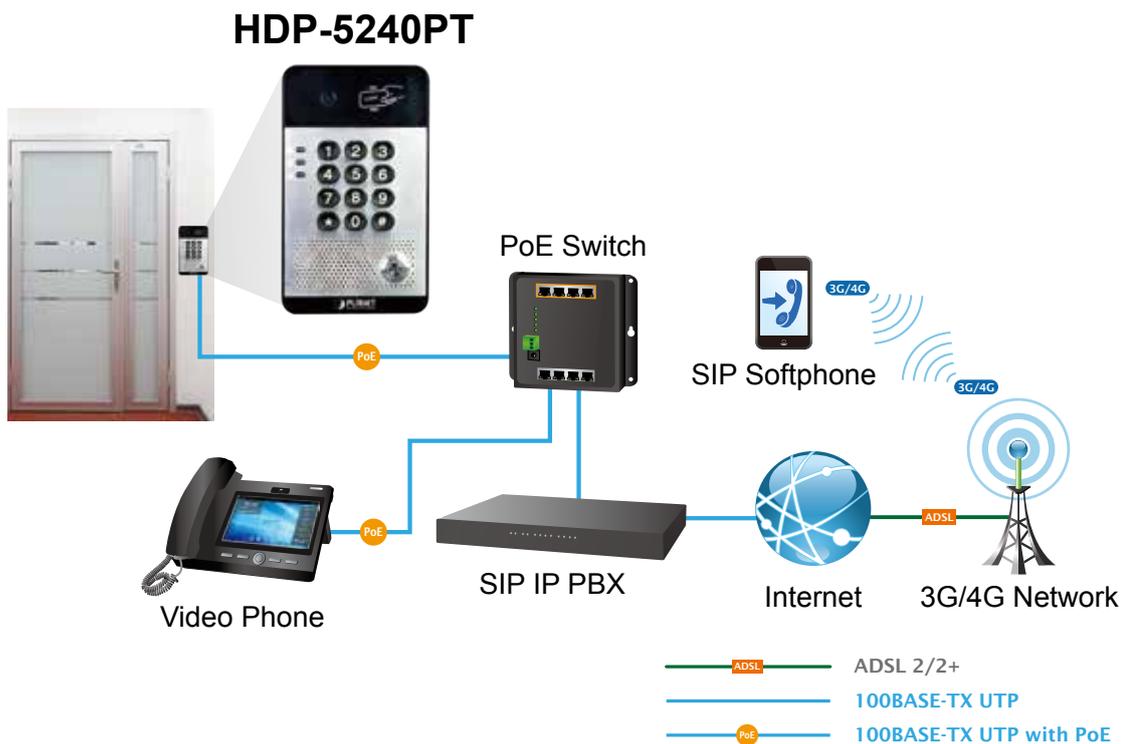
PLANET Search Tool is a simple, freely-available application for locating intercoms from the IP family in the network. After searching the network, the application shows the device name, firmware version and IP address of all intercoms found on a chart. This simplifies the administration and installation of intercom systems. Simply run the easy-to-use software to get immediate results.



Applications

The specially-designed unit also features a 720p SIP Multi-unit Door Phone with RFID and PoE that enables users to take care of their homes, especially during their absence. This reliable and quality product has become a necessity of our life as our security is ensured.

The HDP-5240PT supports 802.3at/af PoE interface without worrying the electric source. It supports two-way voice communication and remote door release function. Additionally, the HDP-5240PT has an excellent interoperability using SIP standard VoIP signaling feature by interworking with IP PBX services and video phone.



Specifications

Product	HDP-5240PT
Video	
Image Device	1/4 "color CMOS, Pixels: 1 million
Video Codec	H.264
Resolution	Main stream: 1280 x 720 Sub-stream: 640 x 360, 352 x 288, 32 x 240
Viewing Angle	110° (H), 95° (V)
Minimum Illumination	1 lux
Audio	
Audio Streaming	Two-way audio
Narrowband Codec	G.711a/u, G.723.1, G.726-32K, G.729AB
Broadband Speech Codec	G.722
Microphone	Built-in microphone (-38dB) and speaker (4Ω, 3W) input
Audio Output	Acoustic echo cancellation
DTMF	In-band, out-of-band (RFC2833), SIP info
Access Control Function	
Lines	Two SIP lines, supporting SIP 2.0 (RFC3261) and related RFC
Door Access	DTMF, password, RFID card, switch
Door Phone Features	Full-duplex (handsfree) Default auto answer 200,000 door open records 2000 remote access list Up to 2000 RFID cards access Electric lock internal or external power supply options Supports customized DSS keys Network Time Synchronization Action URL/Active URI remote control
Network and Protocols	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus
QoS	802.1p/q, DSCP
VPN	L2TP/openVPN
Protocol	Primary and secondary DNS, VLAN, SNTP client, SRTP, HTTP/HTTPS web pages, MD5 authentication, Web filter, DHCP/static/PPPoE, stun, auto provision, TR069
Physical Specifications	
Keypad	1 DSS button (speed dial button) 4 indicator lights (including hot-key backlight) Numeric keypad
Switch	1 indoor switch 1 relay: MAX DC30V / 1A, AC125V / 0.5A Active switching output: DC 12V / 700mA
RFID Reader	ID (EM4100) standard type
Power Supply	12V ± 15%, 1A DC or 802.3at/af PoE
Power Requirements	802.3af PoE, (Class 3 - 6.49 to 12.95W)
Standby Power	2.76W, 12V, 230mA
Shell Material	Metal surface, ABS bottom shell
Protection Class	IP65
Installation	Wall-mounted installation
Net Weight	0.33kg
Dimensions (W x D x H)	160 x 93 x 35 mm
Emission	CE, FCC
Environments	
Operating Temperature	-20~60°C
Storage Temperature	-40~70°C
Relative Humidity	10~90%

Ordering Information

HDP-5240PT	720p SIP Multi-unit Video Door Phone with RFID and PoE
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Related Products

HDP-5260PT	720p SIP Multi-unit Apartment Vandalproof Door Phone with RFID and PoE
HDP-1100PT	720p SIP Door Phone with PoE
HTS-1000P	10-inch Touch Screen Home Automation Controller
IPX-330	Internet Telephony PBX System (30 SIP User Registrations)
IPX-2100	Internet Telephony PBX System (100 SIP User Registrations)
IPX-2200	Internet Telephony PBX System (200 SIP User Registrations)
IPX-2500	Internet Telephony PBX System (500 SIP User Registrations)
ICF-1800	HD Touch Screen Android Multimedia Conferencing Phone
VIP-1000T	High Definition IP Phone (1-Line)
VIP-1000PT	High Definition PoE IP Phone (1-Line)
VIP-1120PT	High Definition Color PoE IP Phone (1-Line)
VIP-2140PT	High Definition Color PoE IP Phone with Dual Display (2-Line)
VIP-5060PT	Professional HD PoE IP Phone (6-Line)
VIP-6040PT	Gigabit Color LCD HD PoE IP Phone (4-Line)
VIP-8030NT	HD Voice Conference IP Phone with PSTN (3-Line)
WGS-804HP	8-Port 10/100/1000T Wall-mounted Gigabit Ethernet Switch with 4-Port PoE+
FGSD-1008HPS	8-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/ SFP Combo Web Smart Switch