

720p SIP Door Phone with PoE



Keyless Control Brings Convenience

PLANET HDP-1100PT, an SIP Door Phone with PoE, supports H.264 / MJPEG compression formats and delivers excellent picture quality in 720p HD resolutions at 20 frames per second (fps). The night version door phone with low light offers visibility in short distances. It provides the flexibility and control required 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 condition
- 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

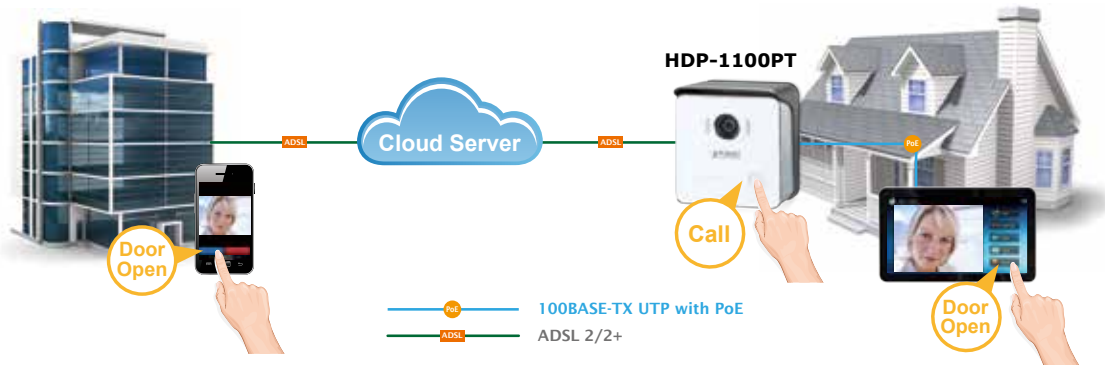
- Compliant with IEEE 802.3af PoE interface for flexible deployment
- Compatible with most modern IP PBX systems
- Standard SIP protocol

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 in any situation

Easy Communication via Intercom

The two-way intercom function provided by the HDP-1100PT allows you to see the visitors and also communicate with them. The HDP-1100PT includes inputs/outputs for connecting with 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 PLANET HTS-1000P touch screen control pad to open the door for your visitors.



AEC (Acoustic Echo Cancellation)

Acoustic Echo Cancellation (AEC) technology is adopted in PLANET's HDP-1100PT 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 Smart Discovery

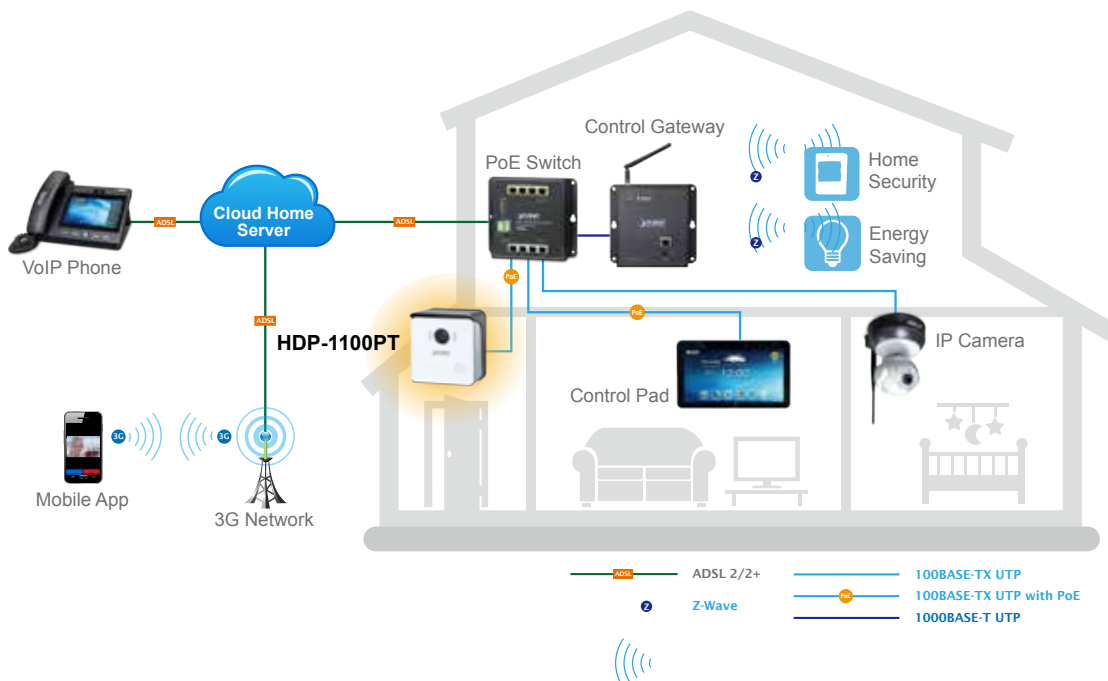
PLANET Smart Discovery is a simple, freely available application for locating intercoms from the IP family in the network. After searching the network, the application shows the device name, firmware version and IP address of all intercoms found on a chart. This simplifies the administration and installation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



Applications

The HDP-1100PT 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 where your location is, even you are away from home.

Additionally, the HDP-1100PT has an excellent interoperability using SIP standard VoIP signaling feature by interworking with IP PBX services and video phone.



Product Specifications

Product	HDP-1100PT
Camera	
Image Device	1/4" 1 mega-pixel progressive scan CMOS sensor
Viewing Angle	112.4-degree horizontal viewing angle
Monitoring Range	3 meters
LED	White LED x 6, effective up to 0.6 meter
Video	
Video Compression	H.264 / MJPEG
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
Audio Compression	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	12V 1A DC or 802.3at/af PoE
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

HDP-1100PT	720p SIP Door Phone with PoE
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Available Gigabit SFP Modules

HDP-5240PT	720p SIP Multi-unit Video Door Phone with RFID and PoE
HDP-5260PT	720p SIP Multi-unit Apartment Vandalproof Door Phone with RFID and PoE
HTS-1000P	10-inch Touch Screen Home Automation Controller
HAC-1000	Z-Wave Home Automation Control Gateway
WGS-804HP	8-Port 10/100/1000T Wall-mounted Gigabit Ethernet Switch with 4-Port PoE+
IPX-2100	Internet Telephony PBX System
IPX-2200	Internet Telephony PBX system
IPX-2500	Internet Telephony PBX System
ICF-1800	HD Touch Screen Android Multimedia Conference Phone
HZS-100E	Z-Wave Wall-mount Motion Sensor (ETSI-868.42MHz)
HZS-100A	Z-Wave Wall-mount Motion Sensor (FCC-908.42MHz)
HZS-200E	Z-Wave Ceiling-mount Smoke Detector (ETSI-868.42MHz)
HZS-200A	Z-Wave Ceiling-mount Smoke Detector (FCC-908.42MHz)
HZS-300E	Z-Wave 4-in-1 Multi Sensor (ETSI-868.42MHz)
HZS-300A	Z-Wave 4-in-1 Multi Sensor (FCC-908.42MHz)
HZS-532E-DE	Z-Wave Smart Energy Meter (ETSI-868.42MHz)
HZS-531A-US	Z-Wave Smart Energy Meter (FCC-908.42MHz)
FGSD-1008HPS	8-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/ SFP Combo Web Smart Switch
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 watts)
GS-4210-8P2S	8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch