1080p SIP Vandalproof Door Phone with RFID and PoE

Security is Ensured with PLANET Video Door Phone

PLANET HDP-1261PT Vandalproof Video Door Phone is designed for offices, homes and other purposes that need a visitor's identification for the sake of security. With its high-quality audio and video, the identification and voice of the visitor can be clearly seen and heard once the visitor presses the call button of the door phone. The HDP-1261PT works like an intercom. As its name implies, it is vandalproof and has a video feature.

It supports the standard IETF SIP protocol and ONVIF protocol for easy operation and interfaces with the VoIP and IP surveillance world in an instant it connects you with. It delivers excellent picture quality in 1080p HD resolutions with a viewing angle of 120° (H), 60° (V). The door phone has infrared night vision that can capture any unusual activity in low light. It also supports HD voice and G.722 codec that relax bandwidth limitation and provide clear communications.

With DSS key button and the RFID system, it offers the users keyless control and convenience for opening the door without a key. The door can be opened remotely and also with a local IC/ID card if it is an electronic door lock.

It provides the flexibility and control required for high-quality visitor management, property protection, intercom, and message service.

Benefits

- Unlock the door with an **RFID**, and Remote **DTMF**
- Viewing angle of 120° (H), 60° (V) HD camera with infrared light and night vision
- HD voice using wideband G.722 coding produces clearer sound
- Secure communication with TLS & Secure RTP (SRTP)
- Access Control with the electric lock (Built-in 3 short-in/2 short-out)
- IP66- and IK07-rated for rigorous environment
- Compatible with the Asterisk IP PBX system that can run on SIP/ONVIF and other platforms
- Supports seamless integration with P2P applications

Intercom Functions

- 2 SIP identities/accounts for Intercom
- Intelligent DSS Key for one-touch speed dial, hotline
- Full-duplex handsfree and auto answer
- Action URL/Active URI and dynamic multicast function

Hardware

- HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller (AEC)
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- Built-in 3 short-in detect port and 2 short-out control port
- Industrial design made to withstand -40 to 70 degrees C operating temperature
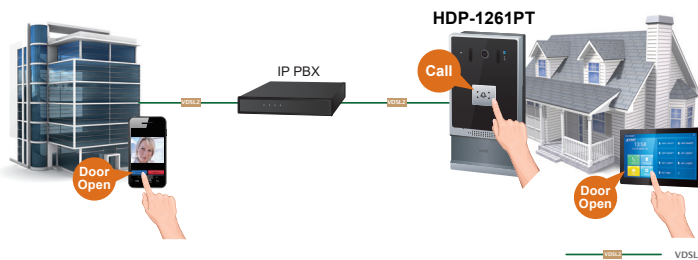- Wall-mount design for outdoor unit

Video and Audio

- Maximum resolution 1920 x 1080 @ 30 fps
- Acoustic Echo Cancellation (AEC) is featured on speaker path
- Through button or web page volume adjustment
- HD voice using wideband G.722 coding produces clearer sound

Network and Configuration

- Standard IETF SIP protocol for VoIP services

Easy Communication via Intercom

The two-way intercom function provided by the HDP-1261PT allows you to see the visitors and also communicate with them. The HDP-1261PT includes 3 short-in detect port and 2 short-out control port for connecting with external devices such as door lock or door sensors. When the visitors presses the call button at your door, you can press the unlock button on your mobile phone or SIP Indoor Touch Screen PoE Video Intercom to open the door for your visitors.

- Compatible with the ONVIF for video surveillance
- Compliant with IEEE 802.3af/at PoE interface for flexible deployment
- HTTPS, TR069 and auto-provisioning
- PLANET DDNS and Easy DDNS
- PLANET Smart Discovery Utility for deployment management

Easy Installation and Management

- Hands-free intercommunication
- Conveniently unlock the door for visitors without having to go to it
- Have peace of mind from being able to see, hear and speak to your visitors before opening the door
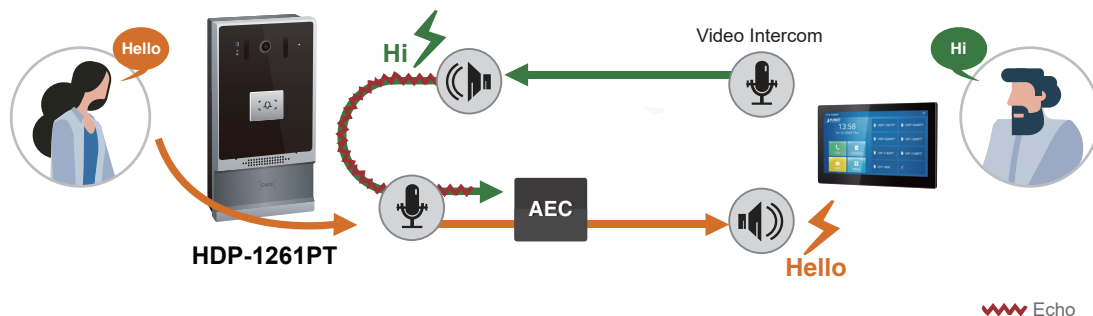
A Door Guard for Extreme Conditions

The HDP-1261PT is an extremely durable IP intercom that can withstand even the most demanding conditions. Its Industrial design supports -40 to 70 degrees C operating temperature, and resilience to dust, water (IP66) and vandalism (IK07) to ensure maximum security.
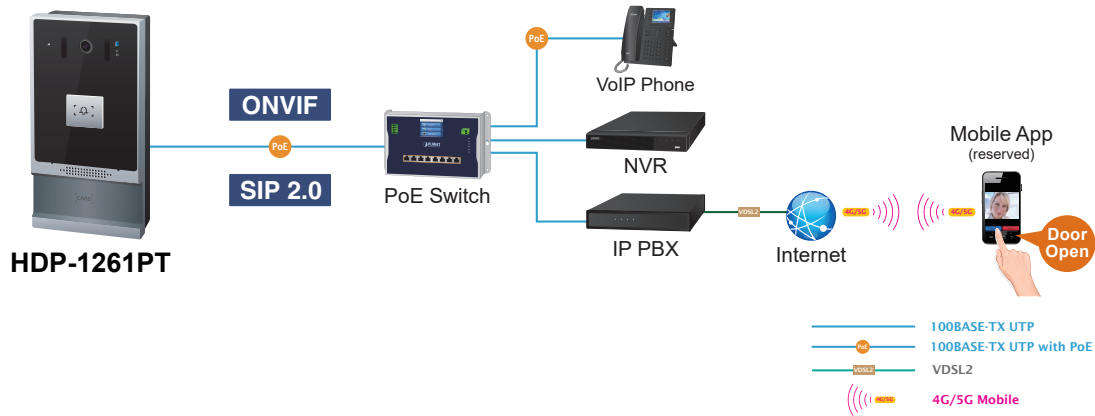

Acoustic Echo Cancellation

Acoustic Echo Cancellation (AEC) technology is adopted in PLANET's HDP-1261PT Door Phone and SIP Indoor Touch Screen PoE Video Intercom to enable users to minimize the voice/sound signal distortion shown in the diagram below, thus guaranteeing the best-in-class sound quality.
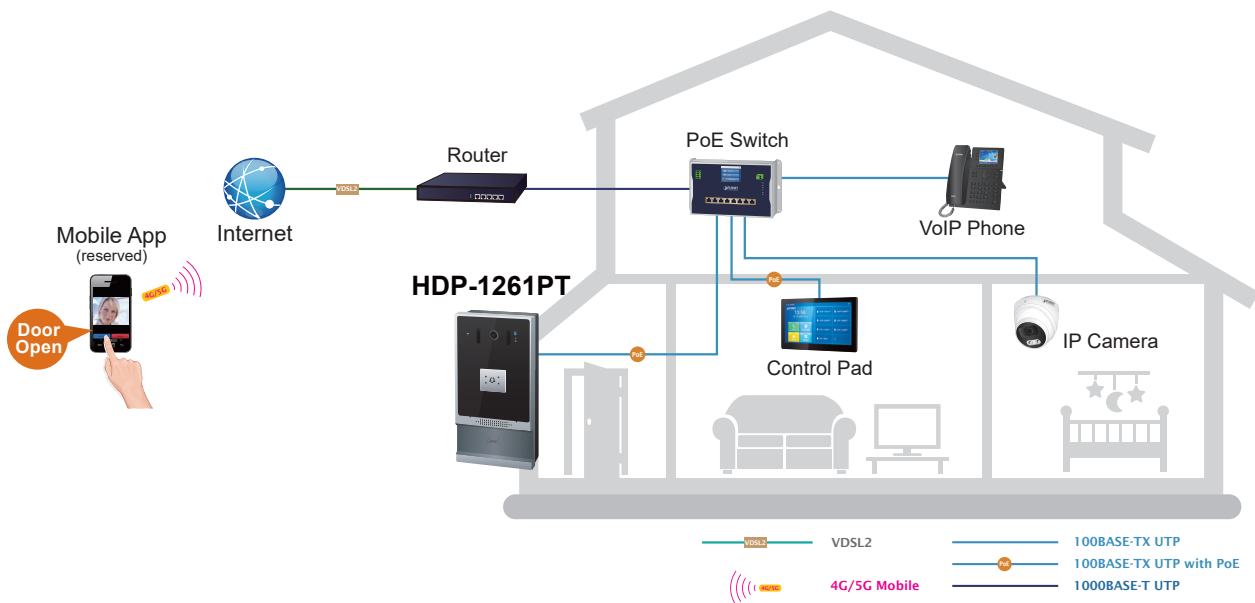
Acoustic Echo Cancellation

Standard Protocol Compliance

The HDP-1261PT supports IETF Session Initiation Protocol 2.0 (RFC 3261) and ONVIF protocol for easy integration with general voice over IP system and video management system. The IP PBX/NVR device is able to broadly interoperate with equipment provided by VoIP/IP surveillance infrastructure providers, thus enabling them to provide their customers with better multimedia exchange services.

Applications

The specially-designed unit also features a 1080p SIP 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-1261PT supports 802.3af/at PoE interface without worrying the electric source. It supports two-way voice communication and remote door release function. Additionally, the HDP-1261PT has an excellent interoperability using SIP standard VoIP signaling feature by interworking with IP PBX services and video phone.

Specifications

Product	HDP-1261PT
Access Control	
Door Access	Dual SIP line, Dual SIP servers DTMF tones, RFID / IC card: ID (EM4100,125KHz) & IC (MIFARE ONE,13.56MHz) ■ RFID cards (support 10,000) ■ Door open records (support 200,000)
Door Phone features	Full-duplex Default auto answer Action URL/Active URI remote control Speed Dial
Video	
Image Device	2M pixels color CMOS camera
Max. Image Transfer Rate	1080p -30fps (1080p expected to be launched by firmware upgradation in 2024/Q1)
Video Codec	H.264
Resolution	Main stream 1080P@30fps Sub stream VGA@30fps
Viewing Angle	120° (H), 60° (V) , 141° (D)
Minimum illumination	0.1Lux, support for infrared illumination
IR Illuminations	IR LED x 4, effective up to 5 meters *The IR distance is based on the environment.
Audio	
Audio Streaming	HD voice Two-way audio stream
Microphone	Built-in microphone and speaker
Narrowband Codec	G.711A/U, G.729A/B,iLBC,G.723.1,G.726-32K Wideband Codec: G.722, Opus
DTMF	In-band, Out-of-Band (RFC2833/ SIP INFO)
Audio Output	Acoustic Echo Cancellation (AEC) audio output
Protocol and Security	
Protocols	SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS RTP/RTCP/SRTP ONVIF STUN DHCP IPv6 PPPoE L2TP OpenVPN SNTP FTP/TFTP TR-069
Security	Web Filter, Transport Layer Security (TLS) Secure Real-time Transport Protocol (SRTP) NAT traversal: STUN mode HTTP/HTTPS web server, HTTPS certificate manager Firewall
Network and Provisioning	
Network Interface	1 x 10/100BASE-TX RJ45 Ethernet interface, auto-MDIX
IP Configuration	Static/DHCP/PPPoE
Deployment/Maintenance	Auto provisioning: FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069 VLAN Web Management Web-based packet dump Configuration backup/restore Firmware Upgrade via Web Syslog PLANET DDNS and Easy DDNS PLANET Smart Discovery Utility
Physical Interface	
Keypad	1 DSS buttons (speed dial button)
Power Requirements	Power over Ethernet (IEEE 802.3af/at), class 3 and DC12V
Net Weight	493g

Dimensions (W x D x H)	88 x 36.15 x 177.4 mm
Emission	CE, FCC
Connectors	1 100M/10M RJ45 Ethernet Short-in detect port x 3 ■ Port: Terminal socket Short-out control port x2 (built-in relay) ■ Relay: Max. DC30V / 2A, AC125V / 0.5A ■ Port: Terminal socket Tamper switch x1 TF card slot x1: connect TF card, up to 128GB RF Card Reader:125KHz&13.56MHz RS485: Support (Reserved for future use) Wiegand Port: In/Out configurable, Wiegand in by default Line-out port x1: for induction loop antenna loop DC port x1: DC power input ■ DC power input: DC12V/1A ■ Port: Terminal socket
Installation	Wall-mount type
External Power Supply	DC 12V, 1A
Environments	
Operating Temperature	-40~70°C
Storage Temperature	-40~70°C
Operating Humidity	10~95% (non-condensing)

Ordering Information

HDP-1261PT	1080p SIP Vandalproof Door Phone with RFID and PoE

Related Products

HDP-5260PT	720p SIP Multi-unit Apartment Vandalproof Door Phone with RFID and PoE
VTS-700WP	7-inch SIP Indoor Touch Screen PoE Video Intercom with Built-in Wi-Fi
ICF-1900	High Definition Touch Color Screen Smart Media Android SIP Conference Phone
VIP-1260PT	High Definition Color PoE Gigabit IP Phone
VR-300PW6	Wi-Fi 6 AX2400 2.4GHz/5GHz VPN Security Router with 4-Port 802.3at PoE+
IPX-1100	Internet Telephony PBX system (100 SIP Users registrations)
IPX-1102	Internet Telephony PBX system with 2-port FXO (100 SIP Users registrations)
IPX-2200	Internet Telephony PBX System (200 SIP User Registrations)
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
FSD-604HP	4-Port 10/100TX 802.3af/at PoE + 2-Port 10/100TX Desktop Switch (60 Watts)
GS-4210-8P2S	8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch

HDP-1261PT