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

HDP-5240PT

Quick Installation Guide

Table of Contents

1. Package Contents

Thank you for choosing PLANET HDP-5240PT. Before installing the door phone, please verify the contents inside the package box.

The package should contain the following items:

The Multi-unit Door Phone	Quick Installation Guide
Screw Kit	RFID Card x 3

2. Physical Specifications

Dimensions (W x D x H)	160 x 93 x 35 mm
Weight	330g (gross weight)

2.1 Front Panel

| Interface	Description
Camera	The door phone has a built-in IP camera supporting a high-resolution video of up to 1280 x 720 pixels.
Mic	The door phone has a built-in microphone hidden in the pinhole located on the front panel.
Speaker	The door phone has a built-in speaker for convenient communication and alert use.
RFID Reader	Use RFID cards to unlock the door by touching RFID reader of device.

Button Definition

Button	Description
Programmable Keys	It can be set with a variety of functions in order to meet the needs of different occasions
Numeric Keyboard	Input password to open the door or calls.

LED Definition

LED	Status	Description
Lock	Steady Blue	Door unlocking
	Off	Door locking
Call & Ring	Blinks per second	Call Hold or Ringing
	Off	On Hook
	Blinks every 3 seconds	Device in the issuing state
	Steady Blue	Online talking
Network & SIP Registration	Blinks per second	Network error
	Off	Network is normal, SIP is not registered
	Blinks every 3 seconds	SIP Registration failed
	Steady Blue	SIP Registration succeeded

2.2 I/O Control Description

After removing the front panel of HDP-5240PT, there are two terminal block connectors for power connection and digital I/O connections as shown in the picture below.

Network port

JP1 Jumper

Power and lock connector
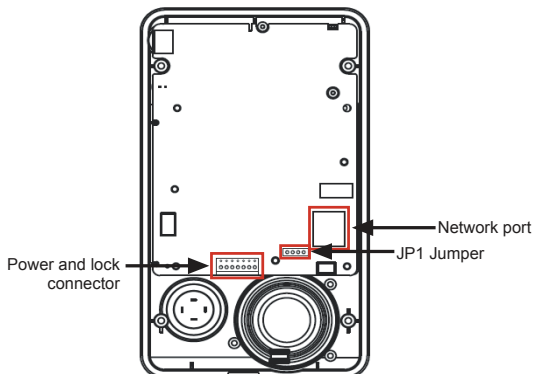
Power Connector

The HDP-5240PT requires either IEEE 802.3af/at PoE or DC power from the power connector.

It shows the two-pin connector comes with a power source of 12V DC, 1A (max.).

Network Connector

Power and Electric-lock Connector

1	2	3	4	5	6	7
+DC 12V	VSS	NC	COM	NO	S-IN	S-OUT
12V DC Input		Electric-lock switch			Indoor switch	

JP1 Jumper

There are two modes for power supply of electric-lock as shown in the picture below. (The default is "Active Mode").

Passive Mode: When the electric-lock starting current is more than 12V/1000mA, the external drive mode, the electric lock interface for short circuit output control, is used.

Active Mode: When the electric-lock starting current is less than 12V/1000mA, the electric lock interface is 12V DC output in the internal drive mode is used.

Wiring instructions

NO: Normally Open Contact

COM: Common Contact

NC: Normally Close Contact

Driving Mode		Electric-lock Mode		JP1 Jumper Active	Connections Graphs
Active	Passive	No electricity when open	Electrify when open		
√		√		Active Mode — 1 2 3 4	Please refer to the **Graph 1** in the next page
√			√	Active Mode — 1 2 3 4	Please refer to the **Graph 2** in the next page
	√	√		Passive Mode — 1 2 3 4	Please refer to the **Graph 3** in the next page
	√		√	Passive Mode — 1 2 3 4	Please refer to the **Graph 4** in the next page
	√	√		Passive Mode — 1 2 3 4	Please refer to the **Graph 5** in the next page

Graph 1 — Electriclock (The power to open the door)

Graph 2 — Electriclock (No electricity when opening the door)

Graph 3 — Electriclock (No electricity when opening the door)

Graph 4 — Electriclock (The power to open the door)

Graph 5 — Electriclock (Without power to open the door)
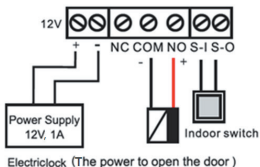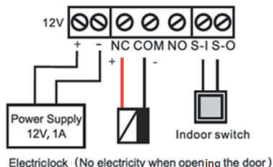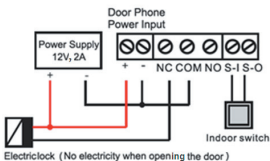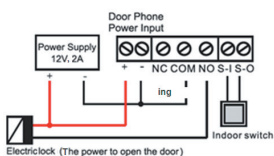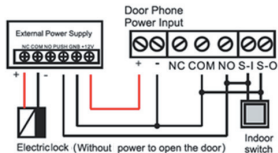
3. Installation

The HDP-5240PT is constructed of four parts as shown below. Prior to the installation, the installer is required to remove the front panel of the HDP-5240PT for wall mounting. Please follow the steps below for the installation.
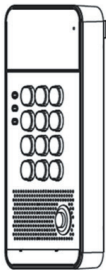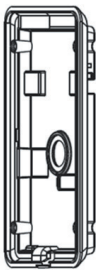
Main Part of Intercom   Back Panel   Wall-mounted Hanging Shell

Figure 1 Three Major Parts of HDP-5240PT

Step 1: Installation preparation

A. Check the following contents:

- Hex wrench x 1
- RJ45 plugs x 2 (1 spare)
- KA4 x 25mm screws x 4
- 25mm screw anchors x 4

B. Tools that may be required:

- Hex wrench
- Phillips screwdriver (Ph2 or Ph3), hammer, RJ45 crimper
- Electric impact drill with an 6mm drill bit.

Step 2: Drilling
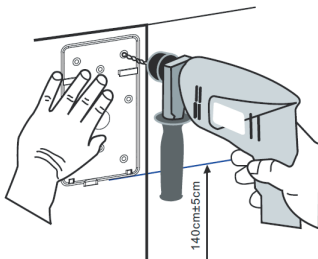
Figure 2 Wall Mounting

A. Place the mounting template with dimensions on the surface of a wall in a desired flat position.
B. Use an electric drill to drill the 4 holes marked on the mounting template. It is recommended to drill about 30mm deep. Remove the template when finishing drilling.
C. Push or hammer screw anchors into the drilled holes.

Step 3: Removing Hanging Panel

A. Remove the hanging shell in Figure 3 and Figure 4.

Figure 3
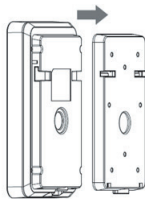
Figure 4

B. With Phillips screwdriver, unpack the Back Panel and the main part of intercom as shown in Figure 5.
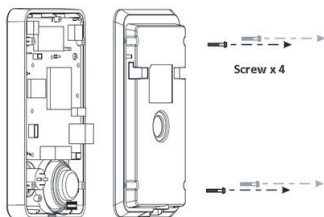
Figure 5

Step 4: Hanging Shell Fixing and Cabling
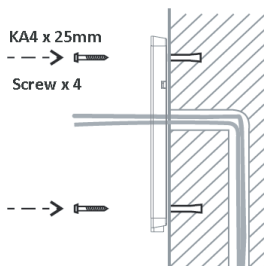
Figure 6

A. Select the hole for cable supply; cable length of 15cm to 20cm is recommended.
B. With 4 KA4 x 25mm screws, tighten the wall-mounted hanging shell as shown in Figure 6.

Step 5: Connection Line
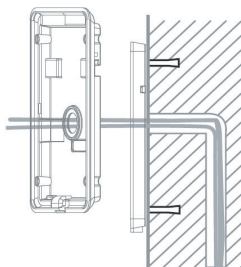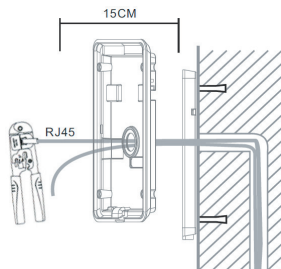
Figure 7　　　　　　　　Figure 8

A. Select the hole for cable supply.
B. Connect the cables of RJ45, power, and electric-lock to the motherboard socket as mentioned in connectors description (refer to Section 2).
C. Test whether there is electricity by doing the following:
   1. Press the # button for 3 seconds to get the IP address of intercom by voice.
   2. Input access password or press the indoor switch to check electric-lock installation.

	Do not proceed mounting until you have finished checking the electricity!
Note	

Step 6: Mounting
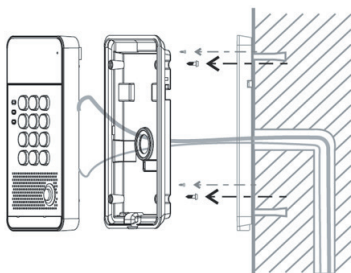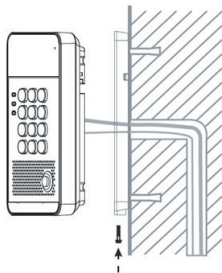
Figure 9   Figure 10

A. Use the 4 screws to tighten the main part of intercom on the back panel as shown in Figure 9.

B. Push the device into the wall-mounted hanging shell and tighten it with 1 screw as shown in Figure 10.

C. Make sure the screws have been tightened properly for better water-proof effect.

4. Searching Door Phone IP Address

There are two methods as shown below to search the HDP-5240P.

Method 1:

Open the Planet Door Phone Finder Utility. Press the Refresh button to search the HDP-5240PT and find the IP address.

#	IP Address	Serial Number	MAC Address	SW Version	Description	
1	192.168.1.158	HDP-5240PT	A8:F7:E0:00:00:00	12.1072.633.14.	IP Doorphone	Refresh

Method 2:

Press and hold the **"#"** key for 3 seconds and the door phone will report the IP address by voice.
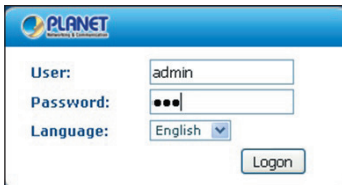
Default Setting	
Default DHCP Client	Off
Default IP Address	**172.16.0.1**
Default Web Port	80
Default Login User Name	admin
Default Login Password	123
Report IP address	Hold **#** key for **3 seconds** to report IP address by voice
Searching Tools	Planet Door Phone Finder

5. SIP Door Phone Setting

Please refer to the following steps to set the SIP door phone.
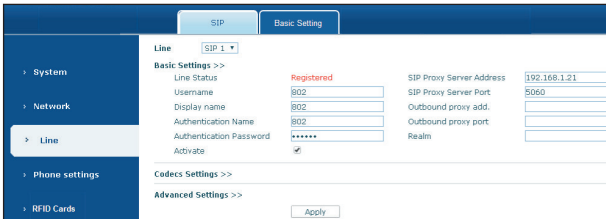
Step 1: Login the homepage of the HDP-5240PT.

Step 2: Add the SIP account.

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters.

Select **"Activate"**, and then click **Apply** to save this setting.

Step 3: Setting Function (DSS) key

Set the DSS key as shown below for a quick start. Click **"Apply"** to save this setting.

Type: Hot Key

Number 1: The DSS Key will dial to this Number 1.

Number 2: If Number 1 is unavailable, it will be forwarded to Number 2.

Line: Working line

Subtype: Speed dial

Step 4: Door Phone Setting

6. Door Unlocking Setting

Local

Local Password

Step 1: Go to **Features** ➔ **Advanced Settings** ➔ Set **Local Password** (The default is **"6789"**).

Step 2: Use the device's **Numeric Keyboard** to input **password** and **"#"** key, and then the door will be unlocked.

Private Access Code

Step 1: Go to **RFID Cards ➔ Access Code Action select Remote call and Local Auth**.

Step 2: Use the device's **Numeric Keyboard** to input **password** and **"#"** key, and then the door will be unlocked.

Remote

Remote Password

Step 1: Go to **Features ➔ Advanced Settings ➔ Set Remote Password** (The default is "*").

Step 2: To answer the call made by visitor via SIP phone, press the "*" key to unlock the door the visitor.

RFID Card

Step 1: Go to **RFID Cards** ➔ **RFID Access** ➔ Enter the ID of RFID card (Only Front 10 yards) ➔ Press **Add** to Door Card Table.

Step 2: Use pre assigned RFID cards to unlock the door by touching RFID area of device.

7. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource and User's Manual on PLANET Web site first to check if it could solve your issue. If you need more support information, please contact PLANET Home Automation support team.

PLANET online FAQs:

Door Phone support team mail address:
support@planet.com.tw

HDP-5240PT Utility:
http://www.planet.com.tw/en/support/download.php?view=8184&key=HDP-5240PT#list

HDP-5240PT User's Manual:
http://www.planet.com.tw/en/support/download.php?view=3&key=HDP-5240PT#list