

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

**HDP-5240PT**

Quick Installation Guide

# Table of Contents

1. Package Contents.....	3
2. Physical Specifications .....	4
2.1 Front Panel .....	4
2.2 I/O Control Description .....	6
3. Installation .....	10
4. Searching Door Phone IP Address.....	15
5. SIP Door Phone Setting .....	16
6. Door Unlocking Setting .....	18
7. Customer Support.....	22

## 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

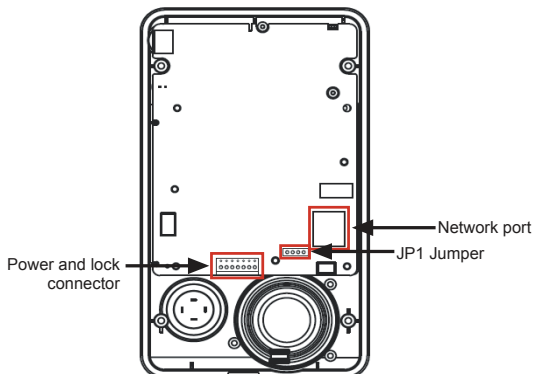
Button	Description
Programmable Keys	It can be set with a variety of functions in order to meet the needs of different occasions
Numeric Keyboard	Input password to open the door or calls.

## 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.



### 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

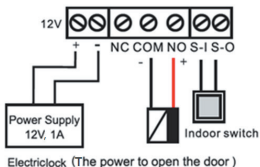
**NO:** Normally Open Contact

**COM:** Common Contact

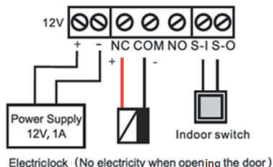
**NC:** Normally Close Contact

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

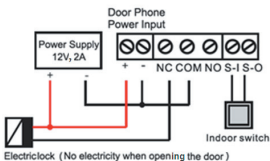




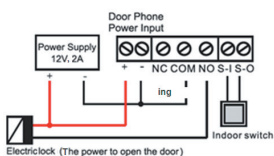
**Graph 1**



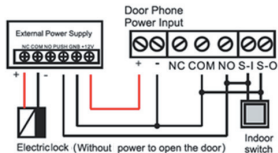
**Graph 2**



**Graph 3**



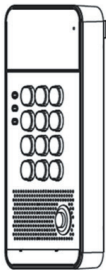
**Graph 4**



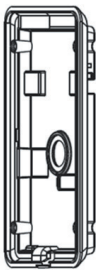
**Graph 5**

### 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

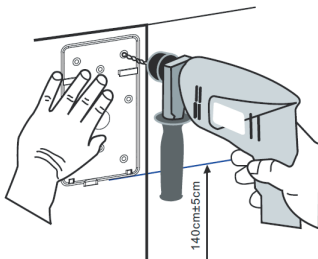


Figure 2 Wall Mounting

- Place the mounting template with dimensions on the surface of a wall in a desired flat position.
- 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.
- Push or hammer screw anchors into the drilled holes.

## Step 3: Removing Hanging Panel

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



Figure 3

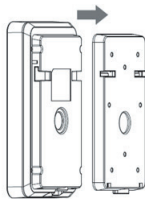


Figure 4

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

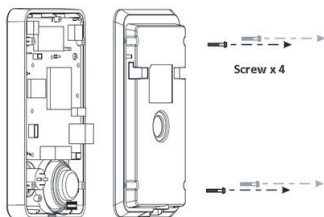


Figure 5

**Step 4:** Hanging Shell Fixing and Cabling

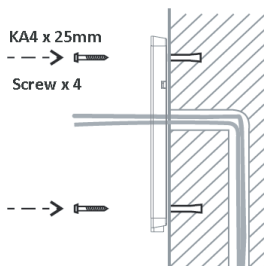


Figure 6

- 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

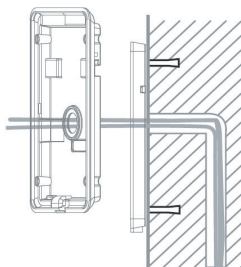


Figure 7

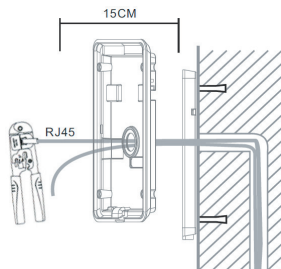


Figure 8

- 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.



Note

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

## Step 6: Mounting

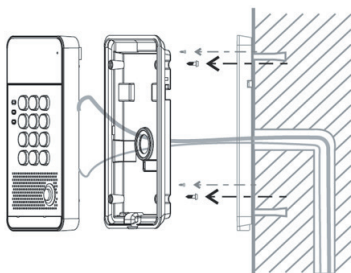


Figure 9

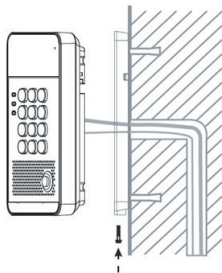


Figure 10

- 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.

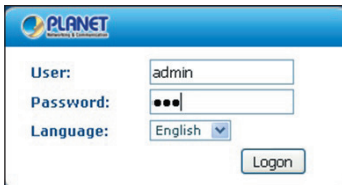


Default Setting	
Default DHCP Client	Off
Default IP Address	<b>172.16.0.1</b>
Default Web Port	80
Default Login User Name	admin
Default Login Password	123
Report IP address	Hold # key for <b>3 seconds</b> to report IP address by voice
Searching Tools	Planet Door Phone Finder

## 5. SIP Door Phone Setting

Please refer to the following steps to set the SIP door phone.

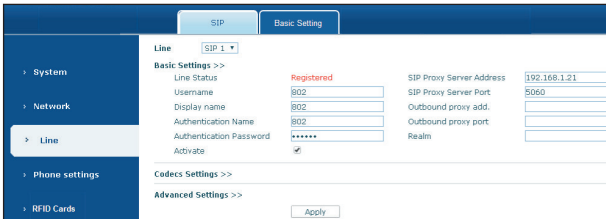
**Step 1:** Login the homepage of the HDP-5240PT.



**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

Key	Type	Number 1	Number 2	Line	Subtype	Media
DSS 1	Hot Key	811		SIP1	Speed Dial	DEFAULT

Apply

#### Step 4: Door Phone Setting

Common Settings

Enable DND	<input type="checkbox"/>	Ban Outgoing	<input type="checkbox"/>
Enable Intercom Mute	<input checked="" type="checkbox"/>	Enable Intercom Ringing	<input checked="" type="checkbox"/>
Enable Auto Dial Out	<input checked="" type="checkbox"/>	Auto Dial Out Time	<input type="text" value="5"/> (3~30)Second(s)
Enable Auto Answer	<input type="checkbox"/>	Auto Answer Timeout	<input type="text" value="0"/> (0~60)Second(s)
No Answer Auto Hangup	<input type="checkbox"/>	Auto Hangup Timeout	<input type="text" value="30"/> (1~60)Second(s)
Dial Fixed Length to Send	<input type="checkbox"/>	Send length	<input type="text" value="11"/>
Enable Speed Dial Hangup	<input type="text" value="Enable"/>	Use Function Key to Answer	<input type="text" value="Disable"/>
Dial Number Voice Play	<input type="text" value="Disable"/>	Voice Play Language	<input type="text" value="English"/>
Card Reader Working Mode	<input type="text" value="Normal"/>		

Apply

Advanced Settings >>

Block Out Settings >>

## 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.

The screenshot shows the configuration interface with the following settings:

Section	Setting Name	Value	
Common Settings	Enable DND	<input type="checkbox"/>	
	Enable Intercom Mute	<input type="checkbox"/>	
	Enable Auto Dial Out	<input checked="" type="checkbox"/>	
	Enable Auto Answer	Lines and IP Call	
	No Answer Auto Hangup	<input type="checkbox"/>	
	Dial Fixed Length to Send	<input type="checkbox"/>	
	Enable Speed Dial Hangup	Enable	
	Dial Number Voice Play	Disable	
	Card Reader Working Mode	Normal	
	Ban Outgoing	<input type="checkbox"/>	
	Enable Intercom Ringing	<input checked="" type="checkbox"/>	
	Auto Dial Out Time	5 (3-30)Second(s)	
	Auto Answer Timeout	0 (0-60)Second(s)	
	Auto Hangup Timeout	30 (1-60)Second(s)	
Send length	11		
Use Function Key to Answer	Disable		
Voice Play Language	English		
Apply			
Advanced Settings >>			
Switch Mode	Monostable	Keypad Mode	Dial and Password
Switch-On Duration	5 (1-600)Second(s)	Talk Duration	120 (20-600)Second(s)
Remote Password	*	Local password	****
Description	1205 IP Door Phone	Enable Access Table	Enable
Hot Key Dial Mode Select	Main-Secondary	Call Switched Time	15 (5-50)Second(s)

## 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.

The screenshot displays the 'RFID Access' configuration page. On the left is a navigation menu with options: System, Network, Line, Phone settings, **RFID Cards**, Call logs, and Function Key. The main content area is divided into sections: 'Import Access Table' with a file selection field; 'Access Table' with a table of access rules and a link to 'Save Access Table'; and 'Add Access Rule' with a form for creating a new rule. The 'Add Access Rule' form includes fields for Name, ID, Department, Position, Access Code, Access Code Action, Double Auth, Type, Profile, Location, Number, and Fwd Number. The 'Access Code' field, containing the value '1234', is highlighted with a red box. The 'Access Code Action' is set to 'Remote Call and Local Auth'. Below the form is a 'Profile Setting' section with a dropdown for 'Profile' set to 'Profile1' and a 'Profile Name' field.

Index	Name	ID	Department	Position	Location	Number	Fwd Number	Access Code	Double Auth	Access by Call	Access by Psw	Profile	Type
1	Ines	0009504892	ENM	10F	10FENM	800		1234	Disable	Enable	None	Guest	

## 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.

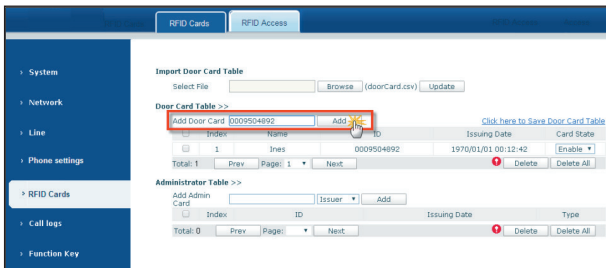
The screenshot displays the configuration interface for a phone system, specifically the 'Features' tab. The left sidebar shows a navigation menu with 'Phone settings' selected. The main content area is divided into 'Common Settings' and 'Advanced Settings >>'. In the 'Advanced Settings' section, the 'Remote Password' field is highlighted with a red rectangle. The 'Remote Password' field is currently empty, with a dropdown arrow on the right. Other settings include 'Switch-On Duration' (5 seconds), 'Switch Mode' (Monostable), 'Keypad Mode' (Dial and Password), 'Talk Duration' (120 seconds), 'Local password' (\*\*\*\*), 'Description' (1205 IP Door Phone), 'Hot Key Dial Mode Select' (Main-Secondary), 'Day Start Time' (06:00), 'Day End Time' (18:00), 'Enable Access Table' (Enable), and 'Call Switched Time' (16 seconds).

Section	Setting	Value
Common Settings	Enable DND	<input type="checkbox"/>
	Enable Intercom Mute	<input checked="" type="checkbox"/>
	Enable Auto Dial Out	<input checked="" type="checkbox"/>
	Enable Auto Answer	Lines and IP Call
	No Answer Auto Hangup	<input type="checkbox"/>
	Dial Fixed Length to Send	<input type="checkbox"/>
	Enable Speed Dial Hangup	Enable
	Dial Number Voice Play	Disable
	Card Reader Working Mode	Normal
	Ban Outgoing	<input type="checkbox"/>
Advanced Settings >>	Switch Mode	Monostable
	Switch-On Duration	5 (1~600)Second(s)
	Keypad Mode	Dial and Password
	Talk Duration	120 (20~600)Second(s)
	Local password	****
	Description	1205 IP Door Phone
	Hot Key Dial Mode Select	Main-Secondary
	Day Start Time	06:00 (00:00~23:59)
	Day End Time	18:00 (00:00~23:59)
	Enable Access Table	Enable
Call Switched Time	16 (5~50)Second(s)	

## 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.



The screenshot shows a web interface for managing RFID cards. The top navigation bar has 'RFID Cards' and 'RFID Access' tabs. A left sidebar contains a menu with items: System, Network, Line, Phone settings, **RFID Cards**, Call logs, and Function Key. The main content area is titled 'Import Door Card Table' and includes a 'Select File' input field, a 'Browse' button (with 'doorCard.csv' selected), and an 'Update' button. Below this is the 'Door Card Table >>' section, which features an 'Add Door Card' input field containing '0009504892' and an 'Add' button with a plus icon, both highlighted with a red box. A mouse cursor is over the 'Add' button. To the right of the 'Add' button is a link: 'Click here to Save Door Card Table'. Below the 'Add' button is a table with the following data:

Index	Name	ID	Issuing Date	Card State
1	Ines	0009504892	1970/01/01 00:12:42	Enable

Below the table are pagination controls: 'Total: 1', 'Prev', 'Page: 1', 'Next', and 'Delete' and 'Delete All' buttons. Below the table is the 'Administrator Table >>' section, which includes an 'Add Admin Card' input field, an 'Issuer' dropdown menu, and an 'Add' button. Below this is another table:

Index	ID	Issuing Date	Type
-------	----	--------------	------

Below this table are pagination controls: 'Total: 0', 'Prev', 'Page:', 'Next', and 'Delete' and 'Delete All' buttons.

## 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](mailto: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>



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