



## User's Manual

### **720p SIP Multi-unit Apartment Vandalproof Door Phone with RFID and PoE**

▶ **HDP-5260PT**



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## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

## FCC Caution

To assure continued compliance, use only shielded interface cables when connecting to computer or peripheral devices. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)

This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **Federal Communication Commission (FCC) Radiation Exposure Statement**

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

### **Safety**

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

### **CE Mark Warning**

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

### **WEEE Regulation**



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do

not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

### **Revision**

User's Manual of 720p SIP Multi-unit Apartment Vandalproof Door Phone with RFID and PoE

Model: HDP-5260PT

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# Chapter 1. Product Introduction

## 1.1 Package Contents

The package should contain the following:

- 1 x HDP-5260PT
- 1 x Quick Installation Guide
- 1 x Mounting Label
- 1 x Screw Kit
- 1 x Connectors and Wrench
- 3 x RFID Card



**Note** If any of the above items are missing, please contact your seller immediately.

## 1.2 Overview

### Security is Ensured with PLANET Video Door Phone

PLANET HDP-5260PT is a SIP Door Phone with PoE feature. It supports H.264/H.263 compression format and delivers excellent picture quality in 720p HD resolutions at 10~30 frames per second (fps). The door phone has night vision that can capture any unusual activity in low light. 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.

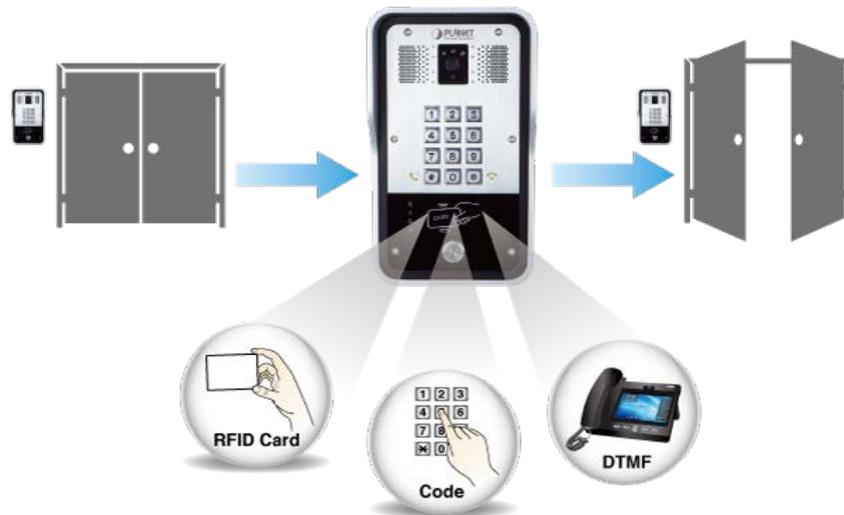
**The Best Choice for Multi-unit Apartments!**



 <b>Anti-tamper &amp; Advanced Protection</b>	 <b>-40~70°C Wide Temperature</b>	 <b>Full-duplex AEC &amp; Noise Reduction</b>
 <b>High Definition Video &amp; Voice</b>	 <b>SIP &amp; Asterisk Multi-platforms</b>	 <b>RFID, DTMF &amp; Local Password</b>

### Keyless Control and Convenience

PLANET HDP-5260PT 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-5260PT 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.



### A Door Guard for Extreme Conditions

The HDP-5260PT comes with a robust door intercom for apartment complexes to ensure maximum resilience and security. Its camera with night vision and resilience to dust, water (IP65) and vandalism (IK10) is watchful, making sure the area remains safe.



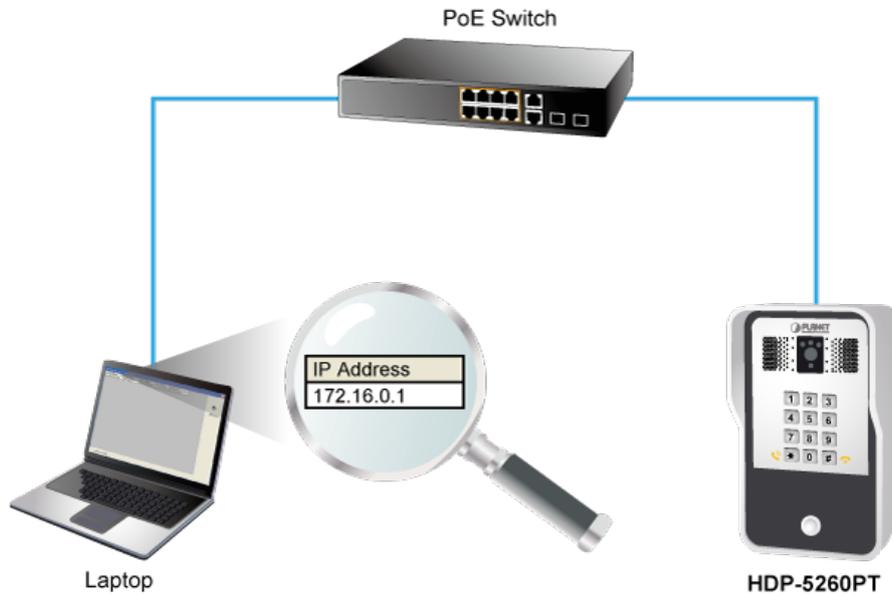
### AEC (Acoustic Echo Cancellation)

Acoustic Echo Cancellation (AEC) technology is adopted in PLANET's HDP-5260PT 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.



## 1.3 Specifications

<b>Product</b>	HDP-5260PT
<b>Camera</b>	
<b>Image Device</b>	1280 x 760, CMOS
<b>Video Codec</b>	H.264/H.263
<b>Image Codec</b>	JPEG/PNG/BMP/GIF
<b>Video Format</b>	MP4/3GP/FLV
<b>Monitoring Range</b>	5 meters
<b>LED</b>	White LED x 3, effective up to 5 meters
<b>Video</b>	
<b>Video Codec</b>	H.264/H.263
<b>Image Codec</b>	JPEG/PNG/BMP/GIF
<b>Video Format</b>	MP4/3GP/FLV
<b>Frame Rate</b>	10~30fps
<b>Audio</b>	
<b>Audio Streaming</b>	Two-way audio
<b>Narrowband Codec</b>	G.711a/u, G.723.1, G.726-32K, G.729AB, iLBC, AMR
<b>Microphone</b>	Built-in microphone and speaker input
<b>Audio Output</b>	Acoustic Echo Cancellation
<b>DTMF</b>	In-band, Out-of-Band (RFC2833), SIP info
<b>Omnidirectional Pickup</b>	Pickup distance of 5m
<b>Network and Configuration</b>	
<b>Network Standard</b>	802.3af PoE
<b>Network Interface</b>	1 x 10/100/1000BASE-T RJ45 Ethernet interface, auto-MDIX
<b>IP Configuration</b>	Static/DHCP/PPPoE
<b>Network Access Control</b>	802.1x
<b>VPN</b>	L2TP/PPTP/IPSec
<b>VLAN</b>	802.1p/q
<b>QoS</b>	DSCP
<b>Protocol</b>	IETF SIP 2.0 over UDP/TCP/TLS

	RTP/RTCP/SRTP STUN OpenVPN SNTP FTP/TFTP HTTP/HTTPS TR069
<b>Functions</b>	Intercom, RFID card, call log, open door log, programmable DSS key, network time synchronization, speed dial, auto-answering, hotline
<b>General</b>	
<b>Keypad</b>	13 keys, including 12 standard phone digits keys 1 hands-free key or DSS keys (speed dial)
<b>Power Requirements</b>	802.3af, Class 3
<b>Net Weight</b>	1.52kg
<b>Dimensions (W x D x H)</b>	223 x 130 x 74 mm
<b>Emission</b>	CE, FCC
<b>Connectors</b>	10/100Mbps Ethernet, RJ45 Call Button Relay Output Port (control door lock or alarm) DI Port (for door sensor, PIR, emergency button)
<b>Installation</b>	Wall-mount type
<b>External Power Supply</b>	12V±15%/1A DC
<b>Environments</b>	
<b>Storage Temperature</b>	-40~70°C
<b>Operating Humidity</b>	10~90%

## Chapter 2. Hardware Interface

### 2.1 Physical Descriptions

Product Dimensions (W x D x H)	223 x 130 x 74 mm
Net Weight	1.52kg

#### Front Panel



Interface	Description
<b>Wall-mount Housing</b>	IP65 and IK10 outdoor housing for rigorous environment.
<b>CMOS Sensor</b>	The door phone has a built-in IP camera supporting a high-resolution video of up to 1280 x 720 pixels.
<b>Speaker</b>	The door phone has a built-in speaker for convenient communication and alert use.

Interface	Description
Mics	The door phone has two built-in microphones hidden in the pinholes located on the front panel.
RFID Reader	Use RFID cards to unlock the door by touching RFID reader of device.

#### Button Definition

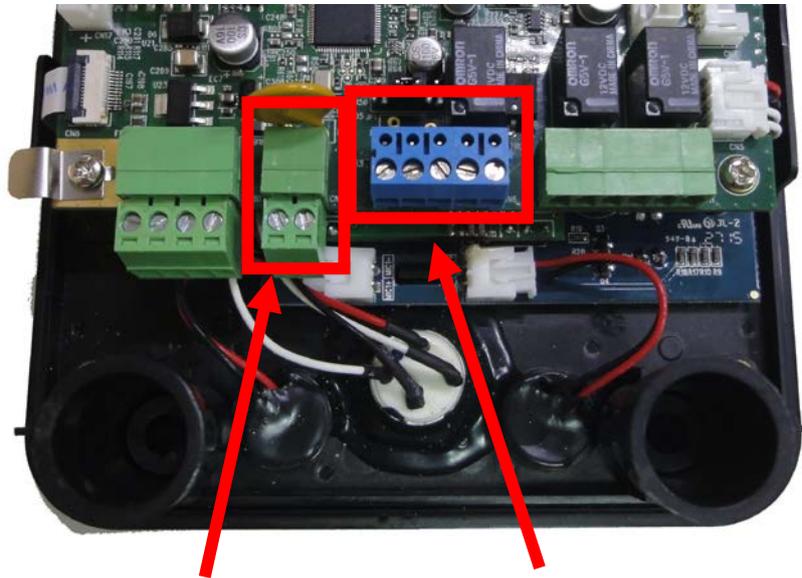
Button	Description
DSS Key	Press the Direct Station Selection key to check who the caller is before opening the doors, or talking to him/her.
Numeric Keyboard	Input password to open the door or calls.

#### LED Definition

LED	Status	Description
 <b>Lock</b>	Steady Blue	Door unlocking
	Off	Door locking
 <b>Call</b>	Off	On Hook
	Blinking Blue	Call Hold – Blinks every second
	Steady Blue	Online talking
 <b>Ring</b>	Off	Standby
	Steady Blue	Ringling
 <b>Network &amp; SIP Registration</b>	Off	Network ready
	Blinking Blue	Network error – Blinks every second
	Slow Blue	Registration failed – Blinks every 3 seconds
	Steady Blue	Registration succeeded

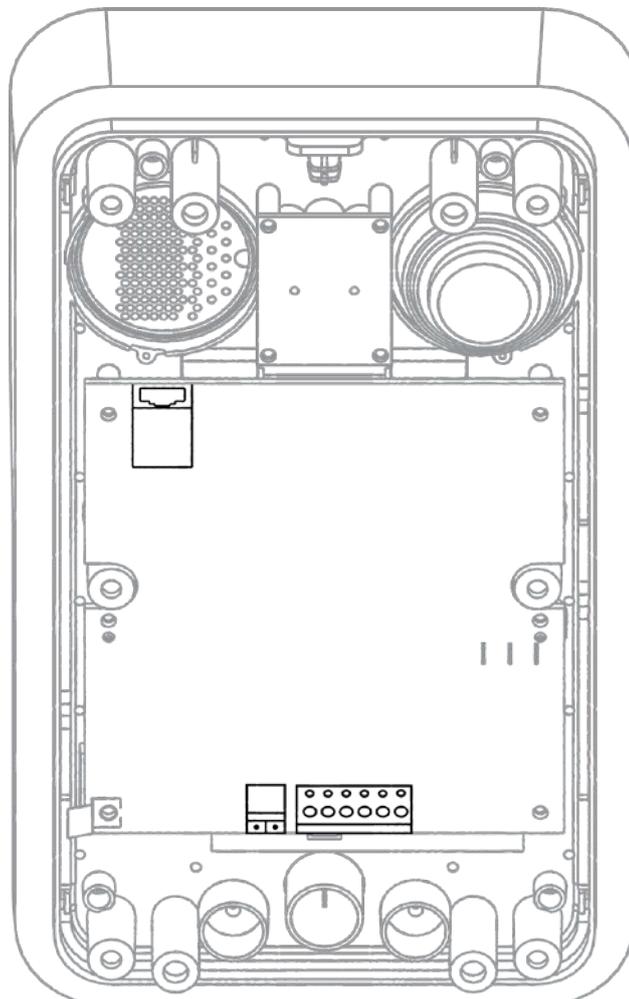
**I/O Control Instruction**

After removing the front panel of the HDP-5260PT, there are two terminal block connectors for power connection and digital I/O connections as shown below:



**Power Connector**

**Electric-lock  
Connector**



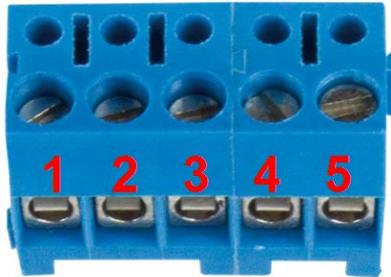
### Power Connector

The HDP-5260PT requires either IEEE 802.3af/at PoE or DC power from the power connector. The picture shows the two-pin connector comes with system power source of 12V DC, 1A (maximum for the two-pin connector).



1	2
+12V DC	GND

### Electric-lock Connector



1	2	3	4	5
S_IN	S_OUT	NC	COM	NO
Indoor switch		Electric-lock switch		

## 2.2 Hardware Installation

The HDP-5260PT is constructed of four parts as shown below. Prior to the installation, the installer is required to remove the front panel of the HDP-5260PT for wall mounting. Please follow the steps below for the installation.

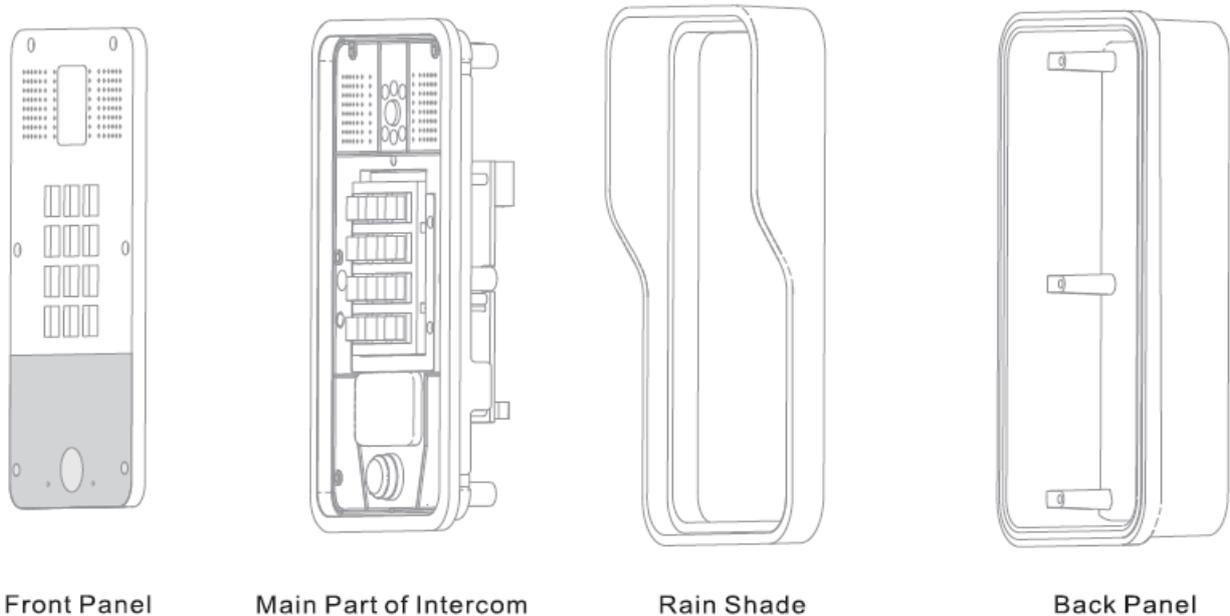


Figure 1 Four Major Parts of HDP-5260PT

### Step 1: Installation Preparation

A. Check the following contents:

- Hex wrench x 1
- RJ45 plugs x 2 (1 spare)
- TA5 x 40mm screws x 5 (1 spare)
- 35mm screw anchors x 5 (1 spare)
- M4 x 16mm screw x 1 (spare)
- PM3 x 16mm screw x 1 (spare)

B. Tools that may be required:

- Hex wrench
- Phillips screwdriver (Ph2 or Ph3), hammer, RJ45 crimping tool
- Electric impact drill with an 8mm drill bit.

Step 2: Drilling

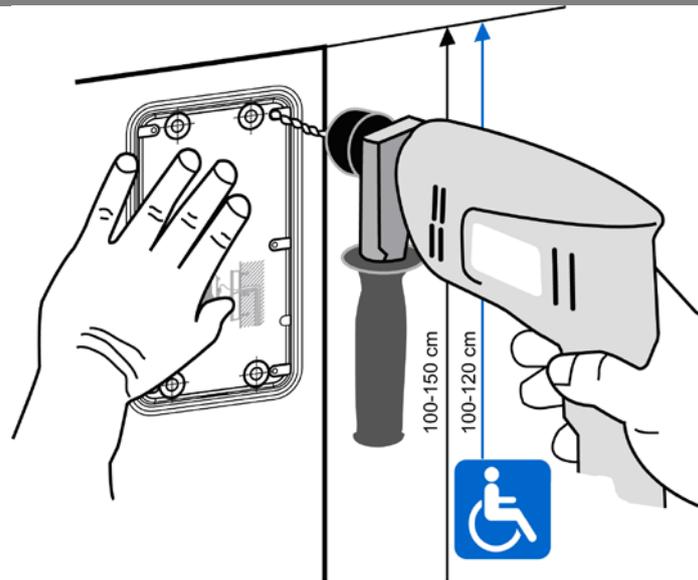


Figure 2 Wall Mounting

- 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 50mm deep. Remove the template when finishing drilling.
- C. Push or hammer screw anchors into the drilled holes.



**Caution**

**While drilling or fixing the HDP-5260PT, hold it tight or else it may drop that may accidentally hurt the installer.**

**Step 3: Removing Front Panel**

A. With hex wrench, remove the front panel as shown in Figure 3 (Turn counter-clockwise) and Figure 4.

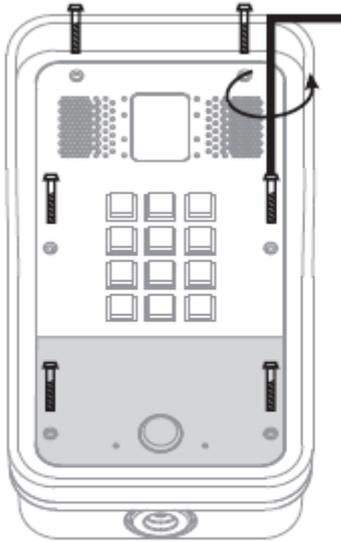


Figure 3

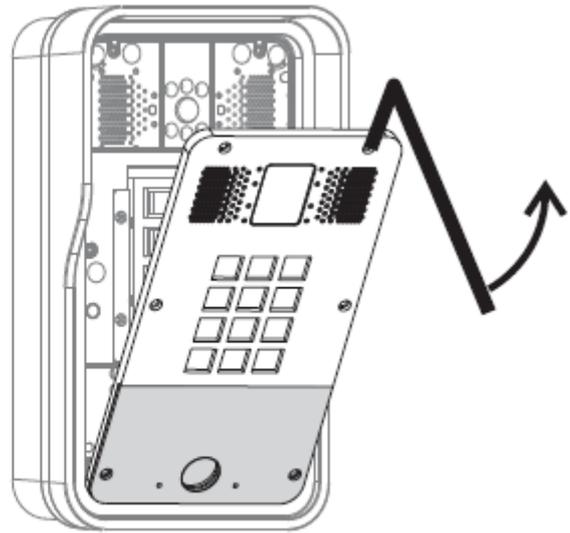
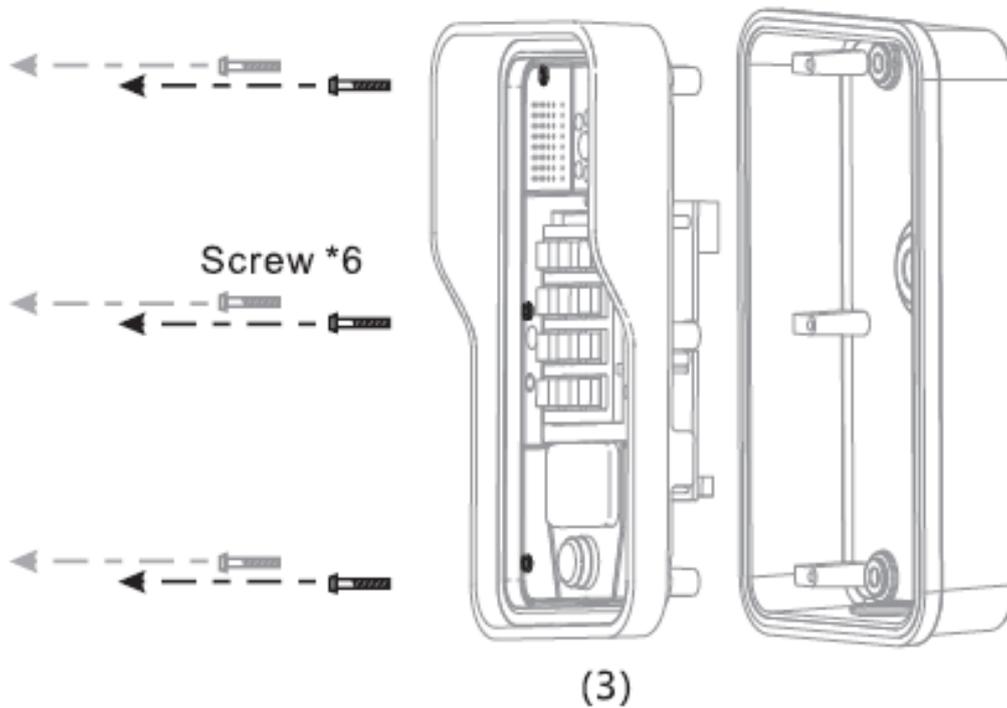


Figure 4

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



(3)

Figure 5

Step 4: Back Panel Fixing and Cabling

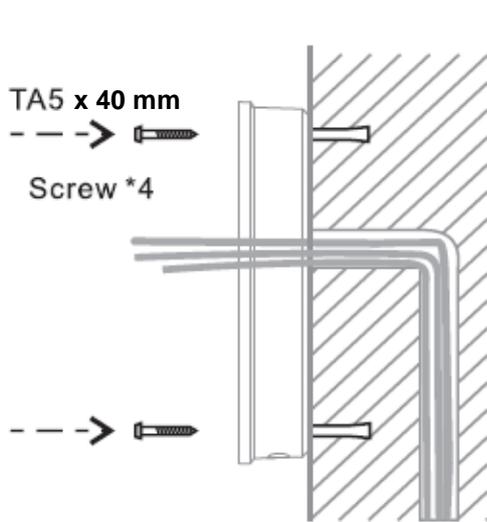


Figure 6

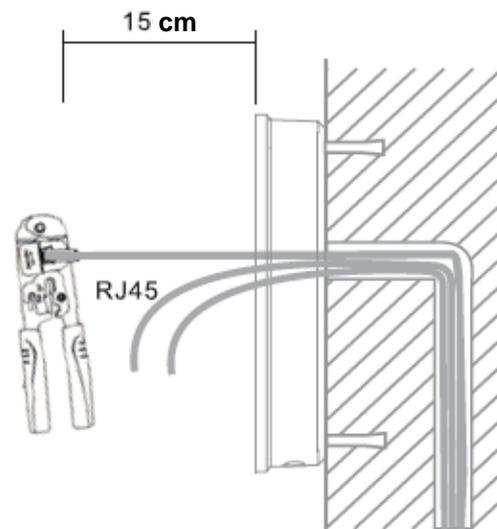


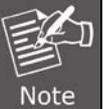
Figure 7

- A. Select the hole for cable supply; cable length of 15cm to 20cm is recommended.
- B. With 4 TA5 x 40mm screws, tighten the back panel on the wall as shown in Figure 6.



The direction of the cable hole on the back panel should be pointing down.

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



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

Step 5: Mounting

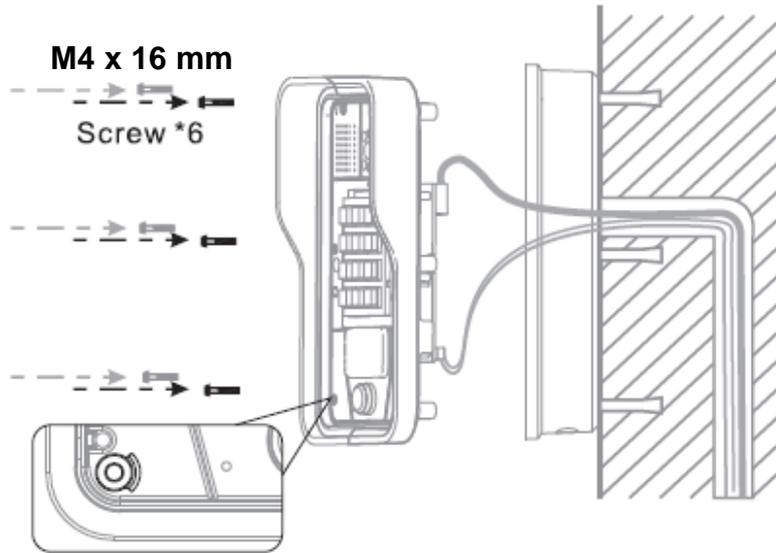


Figure 8

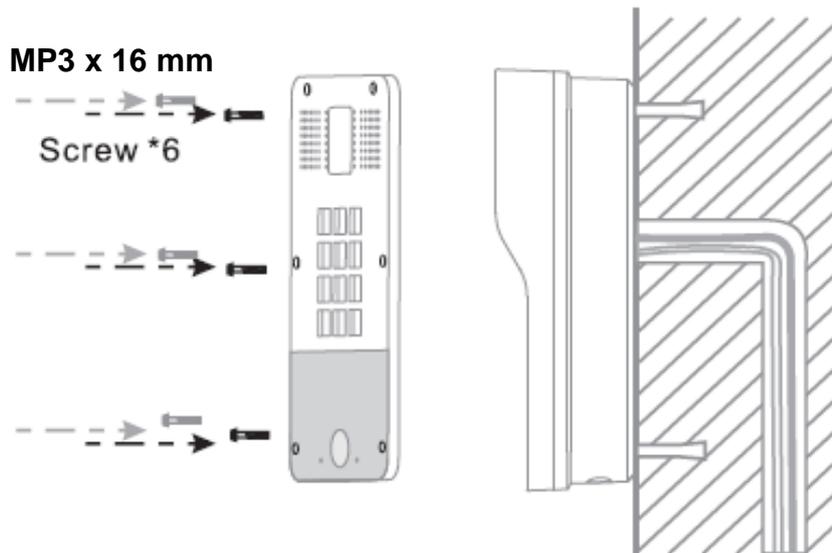
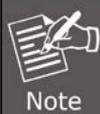


Figure 9

- A. Use the 6 screws to tighten the main part (together with the rain shade) of the intercom on the back panel as shown in Figure 8.
- B. Push the front panel into the plastic frame and tighten it with 6 screws as shown in Figure 9.



Make sure the screws have been tightened properly for better waterproof effect.

## 2.3 Initial Utility Installation

There are two methods as shown below to search the HDP-5260P.

### Method 1:

Open the Planet Door Phone Finder Utility. Press the **Refresh** button to search the HDP-5260PT and find the IP address.

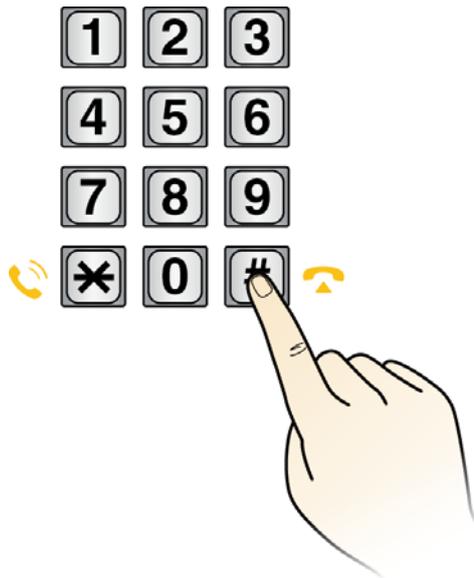
#	IP Address	Serial Number	MAC Address	SW Version	Description
1	192.168.1.158	HDP-5260PT	A8:F7:E0:00:00:00	12.1072.633.14	IP Doorphone



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	On
Default IP Address	172.16.0.1 – If DHCP Server does not exist in the network
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

## Chapter 3. Web-based Management

Please take a few minutes to read through this guide to familiarize with the steps required to set up your door phone.

This chapter provides setup details of the door phone Web-based Interface.

### 3.1 Introduction

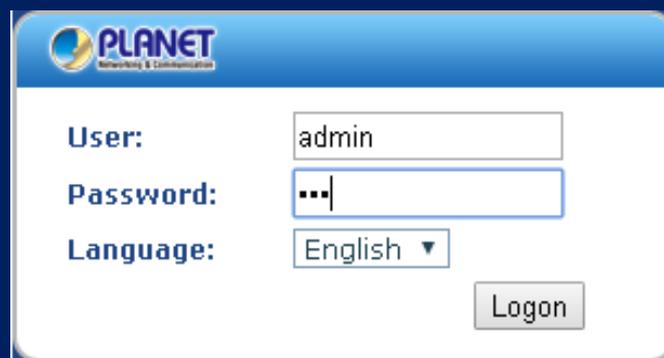
When the device and your computer successfully connect to the network, enter the IP address of the device. You will see the Webpage management interface login screen. Enter the user name and password and click the button to enter the settings screen.

Door phone can be configured with your Web browser. Before configuring, please make sure your PC is in the same IP segment as the door phone.

### 3.2 Basic

The login username and password are **admin** and **123**, respectively.

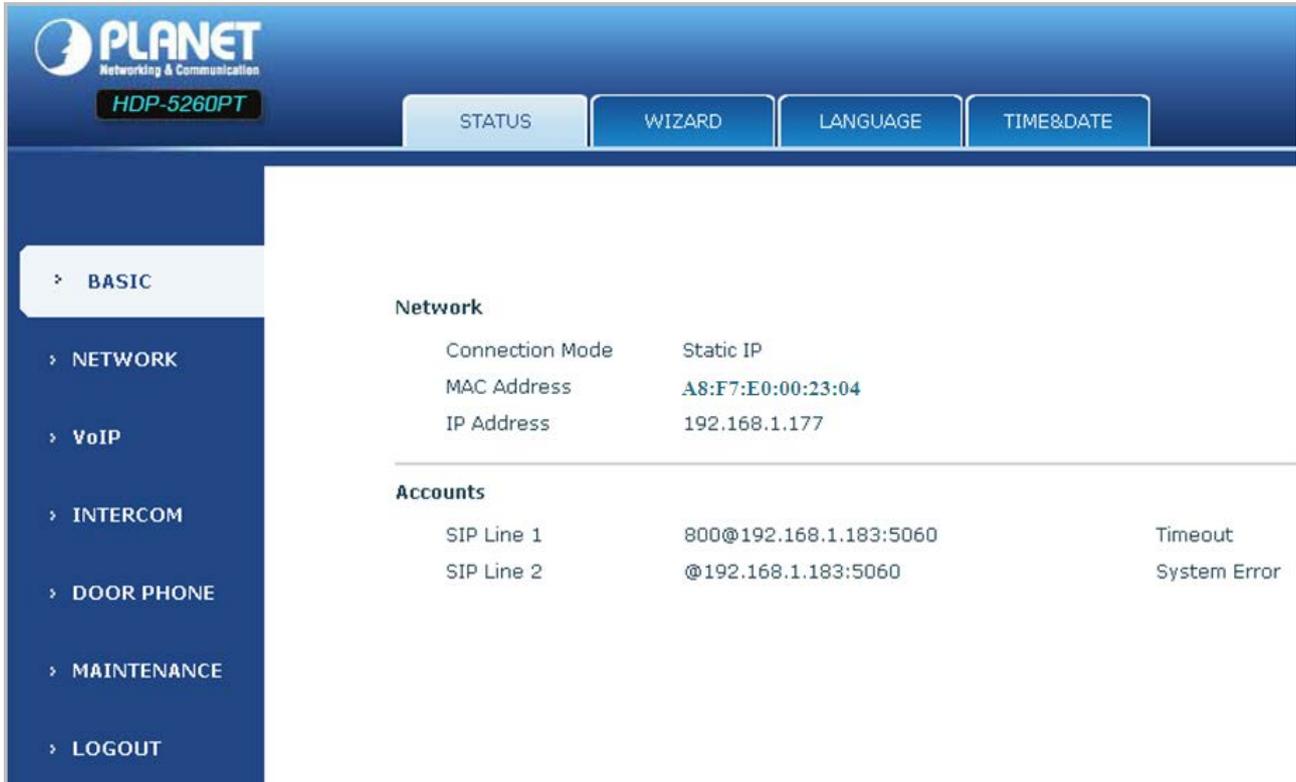
Enter "admin" for user name and "123" for password to access interface.



<b>User:</b>	<input type="text" value="admin"/>
<b>Password:</b>	<input type="password" value="..."/>
<b>Language:</b>	<input type="text" value="English"/>
	<input type="button" value="Logon"/>

### 3.2.1 Status

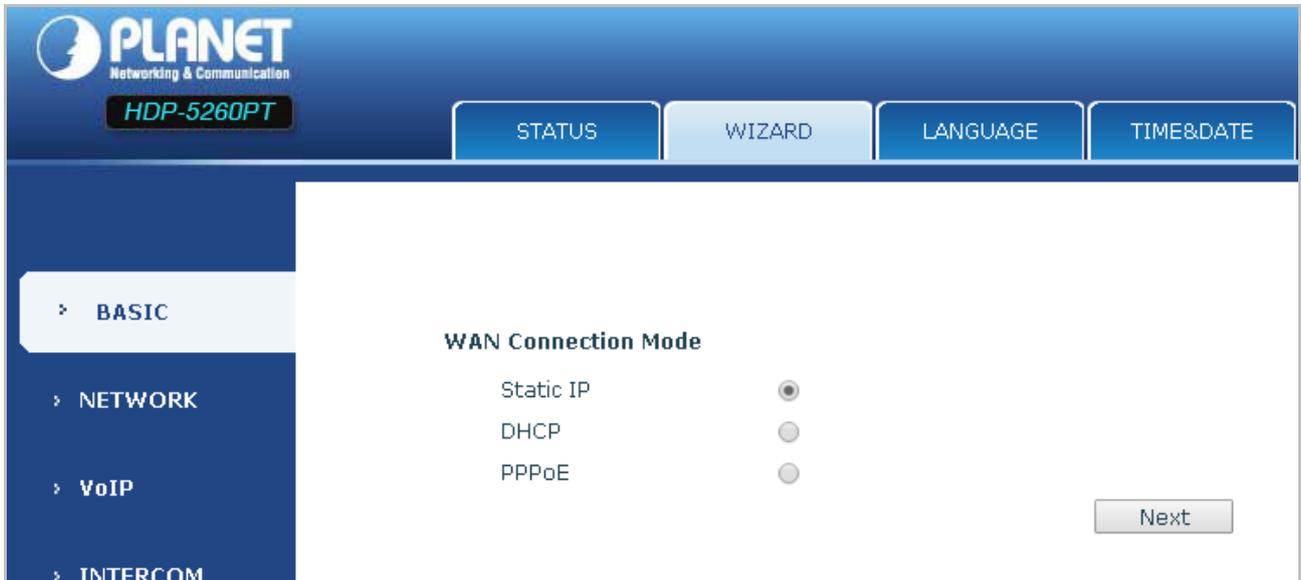
On this page, you can see the information of the network connection mode and accounts.



Status	
Field Name	Description
Network	Shows the configuration information for WAN port, including connection mode of WAN port (static, DHCP or PPPoE), MAC address and IP address of WAN port.
Accounts	Shows the phone numbers and registration status for the 2 SIP lines.

### 3.2.2 Wizard

A. Select the appropriate network mode. The equipment supports three network modes:



B. Static IP mode is selected; click <Next> to go to Quick SIP Settings or click <Back> to return to the Wizard screen.



C. This step is for registration to IP PBX. Please fill in the IP of IP PBX, Authentication User name and Authentication Ppassword. Tick <Enable Registration>.

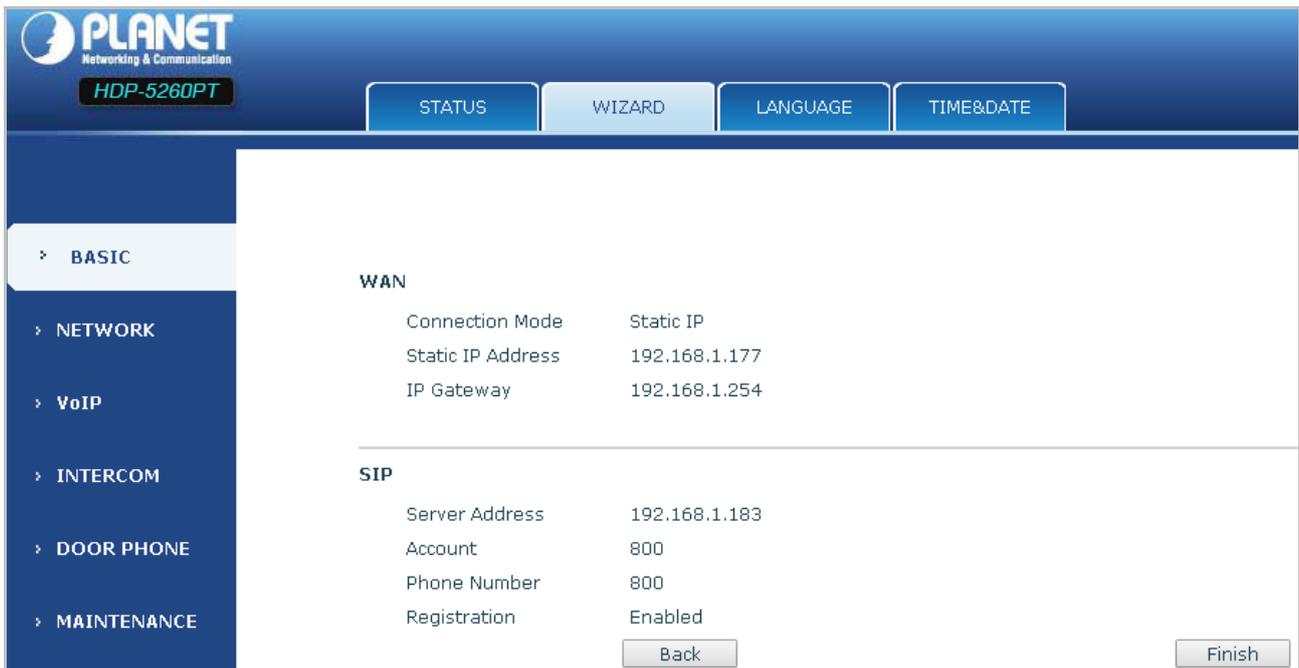


The screenshot shows the PLANET HDP-5260PT web interface. The top navigation bar includes 'STATUS', 'WIZARD', 'LANGUAGE', and 'TIME&DATE'. The left sidebar has a menu with 'BASIC' selected, and other options like 'NETWORK', 'VoIP', 'INTERCOM', and 'DOOR PHONE'. The main content area is titled 'Quick SIP Settings' and contains the following fields:

Server Address	192.168.1.183
Server Port	5060
Authentication User	800
Authentication Password	*****
SIP User	800
Display Name	800
Enable Registration	<input checked="" type="checkbox"/>

At the bottom of the form, there are 'Back' and 'Next' buttons.

D. Check the information that you have filled in, and then click <Finish>.



The screenshot shows the PLANET HDP-5260PT web interface. The top navigation bar includes 'STATUS', 'WIZARD', 'LANGUAGE', and 'TIME&DATE'. The left sidebar has a menu with 'BASIC' selected, and other options like 'NETWORK', 'VoIP', 'INTERCOM', 'DOOR PHONE', and 'MAINTENANCE'. The main content area is divided into two sections: 'WAN' and 'SIP'.

**WAN**

Connection Mode	Static IP
Static IP Address	192.168.1.177
IP Gateway	192.168.1.254

---

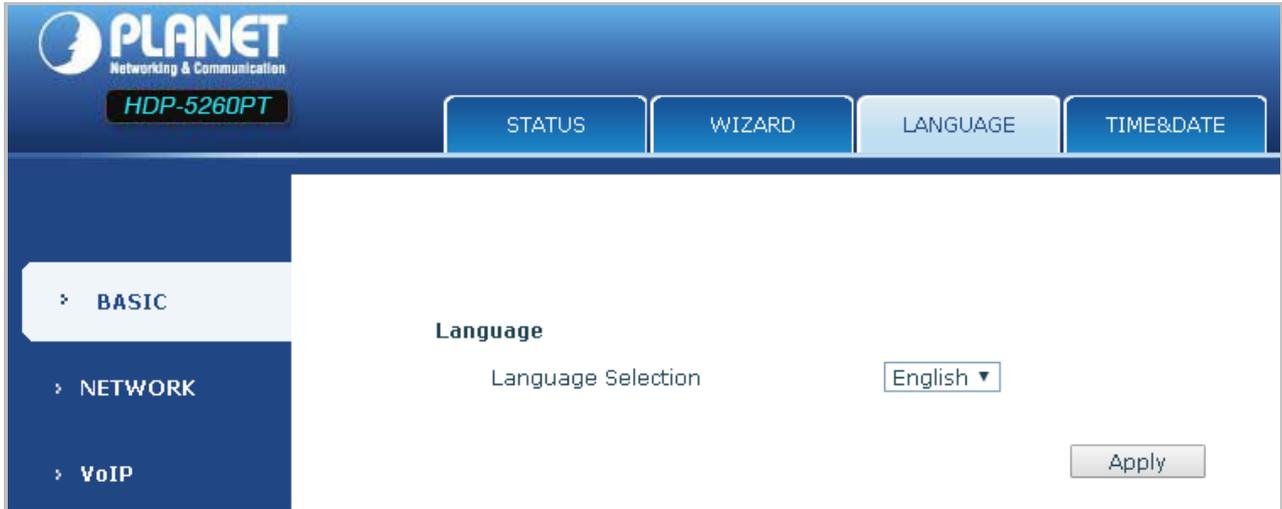
**SIP**

Server Address	192.168.1.183
Account	800
Phone Number	800
Registration	Enabled

At the bottom of the form, there are 'Back' and 'Finish' buttons.

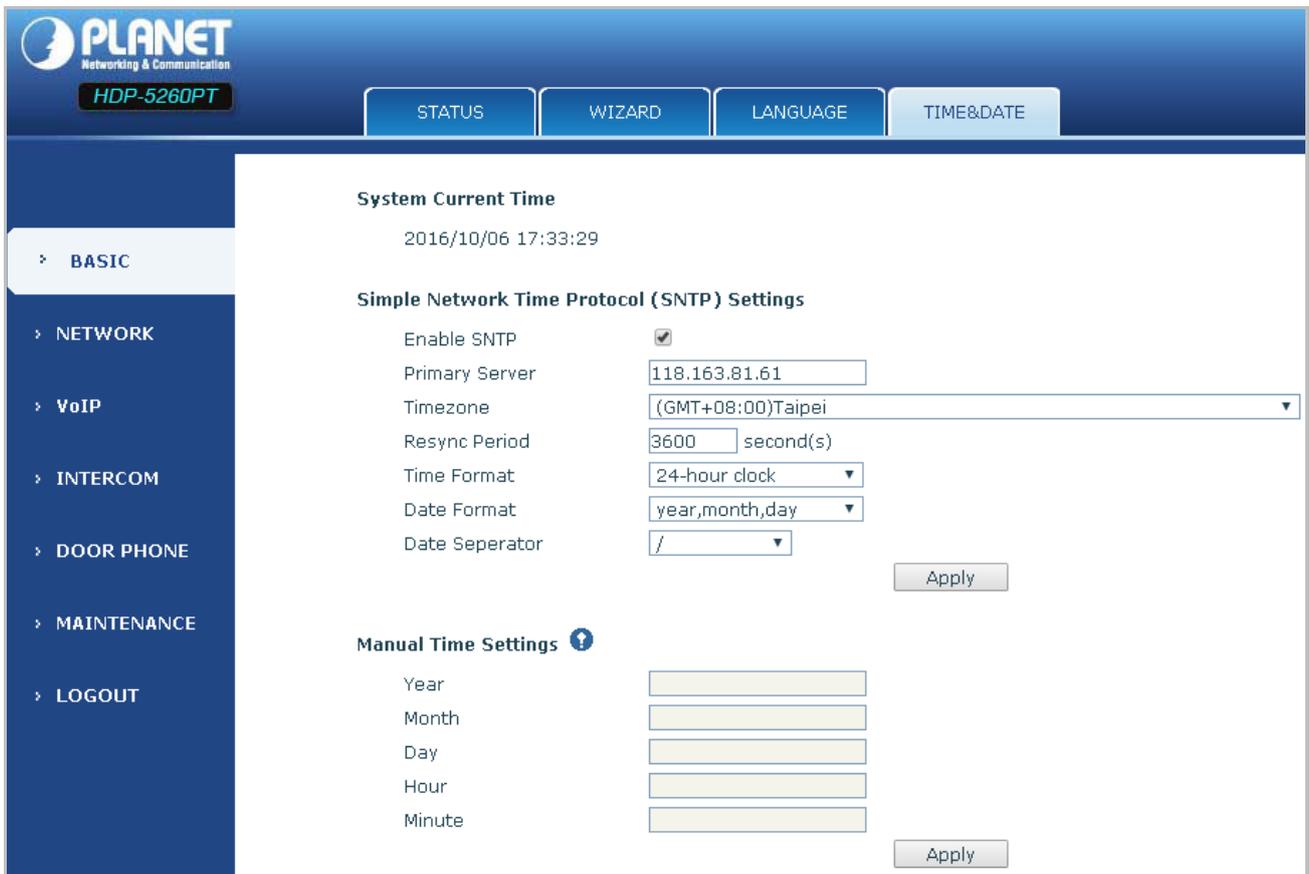
### 3.2.3 Language

Select the language you prefer and click <apply>.



### 3.2.4 Time & Date

Set the time zone and SNTP (Simple Network Time Protocol) server on this page to automatically obtain time and daylight saving time, and manual time and date entry.



### 3.3 Network

#### 3.3.1 WAN



**WAN Status**

Active IP Address	192.168.1.177
Current Subnet Mask	255.255.255.0
Current IP Gateway	192.168.1.254
MAC Address	A8:F7:E0:00:23:04

**WAN Settings**

Speed: Auto Negotiation

Static IP  DHCP  PPPoE

IP Address	192.168.1.177
Subnet Mask	255.255.255.0
IP Gateway	192.168.1.254
Primary DNS	8.8.8.8
Secondary DNS	168.95.1.1

Apply

**802.1X Settings**

802.1x Mode	Off
Identity	admin
Password	****
CA Certificate	<input type="text"/> Browse Upload

Device Certificate  Browse Upload

Apply

**Service Port Settings**

Web Server Type	HTTP
HTTP Port	80
HTTPS Port	443
Telnet Port	23
RTP Port Range Start	10000
RTP Port Quantity	200

Apply

WAN	
Field Name	Description
<b>WAN Status</b>	
Active IP address	The current IP address of the equipment

WAN	
Field Name	Description
<b>WAN Status</b>	
Current subnet mask	The current subnet mask
Current IP gateway	The current gateway IP address
MAC address	The MAC address of the equipment

WAN Settings	
Select the appropriate network mode. The equipment supports three network modes:	
Static	Network parameters must be entered manually and must not be changed. All parameters are provided by the ISP.
DHCP	Network parameters are provided automatically by a DHCP server.
PPPoE	Account and Password must be input manually. These are provided by your ISP.
<b>If Static IP is chosen, the screen below will appear. Enter values provided by the ISP.</b>	

  
 Note

- After entering the new settings, click the APPLY button to save the new settings.
- If a new IP address is entered for the equipment, it must be used to login to the phone after clicking the APPLY button.
- If the system obtains an IP address from the DHCP server, the same IP address can also be used for a LAN network, but not for a WAN network.

802.1X Settings	
<div style="background-color: #e0f0ff; padding: 10px;"> <p><b>802.1X Settings</b></p> <p>802.1x Mode: <input type="text" value="Off"/></p> <p>Identity: <input type="text" value="admin"/></p> <p>Password: <input type="password" value="••••"/></p> <p>CA Certificate: <input type="text"/> <input type="button" value="Browse"/> <input type="button" value="Upload"/></p> <p>Device Certificate: <input type="text"/> <input type="button" value="Browse"/> <input type="button" value="Upload"/></p> <p style="text-align: center;"><input type="button" value="Apply"/></p> </div>	
User	802.1X user account
Password	802.1X password
Enable 812.1X	Enable or Disable 812.1X
CA Certificate	Choose the CA Certificate and then click upload to upgrade
Device Certificate	Choose the Device Certificate and then click upload to upgrade

Service Port Settings	
Web Server Type	Specify Web Server Type – HTTP or HTTPS
HTTP Port	Port for web browser access. Default value is 80. To enhance security, change this from the default. Setting this port to 0 will disable HTTP access. For example, the IP address is 192.168.1.70 and the port value is 8090, the accessing address is http://192.168.1.70:8090.
HTTPS Port	Port for HTTPS access. Before using https, an https authentication certification must be downloaded into the equipment. Default value is 443. To enhance security, change this from the default.
Telnet Port	Port for Telnet access. The default is 23.
RTP Port Range Start	Set the beginning value for RTP Ports. Ports are dynamically allocated.
RTP Port Quantity	Set the maximum quantity of RTP Ports. The default is 200.



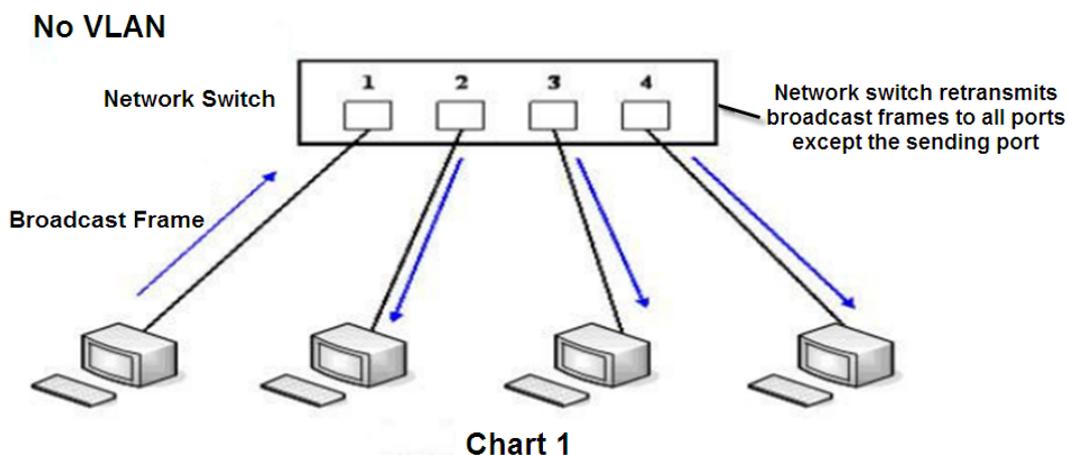
Note

1. Any changes made on this page require a reboot to become active.
2. It is suggested that changes to HTTP Port and Telnet ports be values greater than 1024. Values less than 1024 are reserved.
3. If the HTTP port is set to 0, HTTP service will be disabled.

### 3.3.2 QoS & VLAN

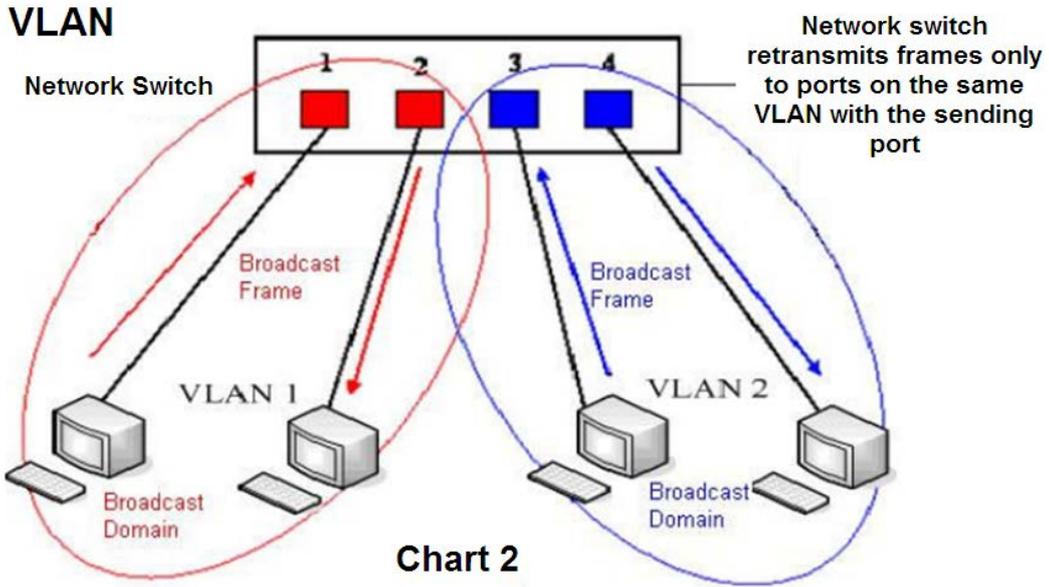
The equipment supports 802.1Q/P protocol and DiffServ configuration. Use of a Virtual LAN (VLAN) allows voice and data traffic to be separated.

- Chart 1 shows a network switch with no VLAN. Any broadcast frames will be transmitted to all other ports. For example, frames broadcast from Port 1 will be sent to Ports 2, 3, and 4.



- Chart 2 shows an example with two VLANs indicated in red and blue. In this example, frames broadcast from Port 1 will only go to Port 2 since Ports 3 and 4 are in a different VLAN. VLANs can be used to

divide a network by restricting the transmission of broadcast frames.



Note

In practice, VLANs are distinguished by the use of VLAN IDs.

**PLANET**  
Networking & Communication  
HDP-5260PT

WAN QoS&VLAN WEB FILTER SECURITY DDNS

> BASIC

> NETWORK

> VoIP

> INTERCOM

> DOOR PHONE

> MAINTENANCE

> LOGOUT

**Link Layer Discovery Protocol (LLDP) Settings**

Enable LLDP  Packet Interval(1~3600) 60 second(s)

Enable Learning Function

**Quality of Service (QoS) Settings**

Enable DSCP  SIP DSCP 46 (0~63)

Audio RTP DSCP 46 (0~63) Video RTP DSCP 46 (0~63)

**WAN Port VLAN Settings**

Enable WAN Port VLAN  WAN Port VLAN ID 256 (0~4095)

802.1P Priority 0 (0~7)

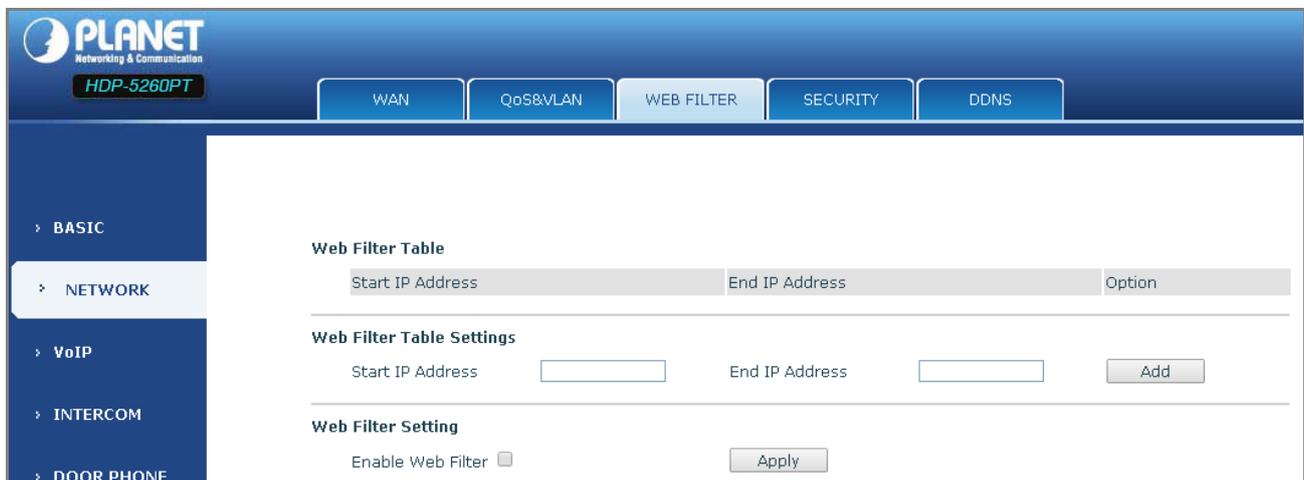
Apply

**QoS & VLAN**

Field Name	Description
<b>Link Layer Discovery Protocol (LLDP) Settings</b>	
Enable LLDP	Enable or Disable Link Layer Discovery Protocol (LLDP)

QoS & VLAN	
Field Name	Description
<b>Link Layer Discovery Protocol (LLDP) Settings</b>	
Enable Learning Function	Enables the telephone to synchronize its VLAN data with the Network Switch. The telephone will automatically synchronize DSCP, 802.1p, and VLAN ID values even if these values differ from those provided by the LLDP server.
Packet Interval	The time interval for sending LLDP Packets
<b>Quality of Service (QoS) Settings</b>	
Enable DSCP	Enable or Disable Differentiated Services Code Point (DSCP)
Audio RTP DSCP	Specify the value of the Audio DSCP in decimal
SIP DSCP	Specify the value of the SIP DSCP in decimal
<b>WAN Port VLAN Settings</b>	
Enable WAN Port VLAN	Enable or Disable WAN Port VLAN
WAN Port VLAN ID	Specify the value of the WAN Port VLAN ID. Range is 0-4095
SIP 802.1P Priority	Specify the value of the signal 8021.p priority. Range is 0-7
Audio 802.1P Priority	Specify the value of the voice 802.1p priority. Range is 0-7

### 3.3.3 Web Filter

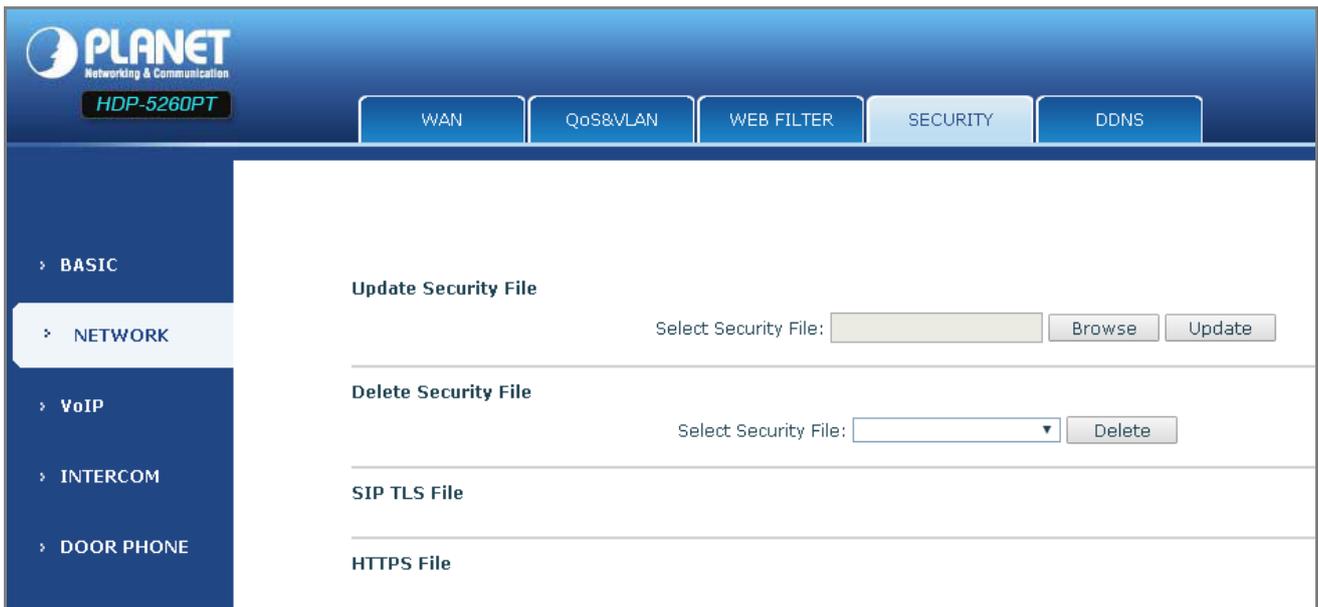


Web filter
The Web filter is used to limit access to the equipment. When the web filter is enabled, only the IP addresses between the start IP and end IP can access the equipment.
Web Filter Table
Webpage access allows the display of the IP network list.
Web Filter Table Settings
To start and end IP address for MMI filter, click <add>.

**Web Filter Setting**  
Select <enable web filter> and click <apply> to take effect.

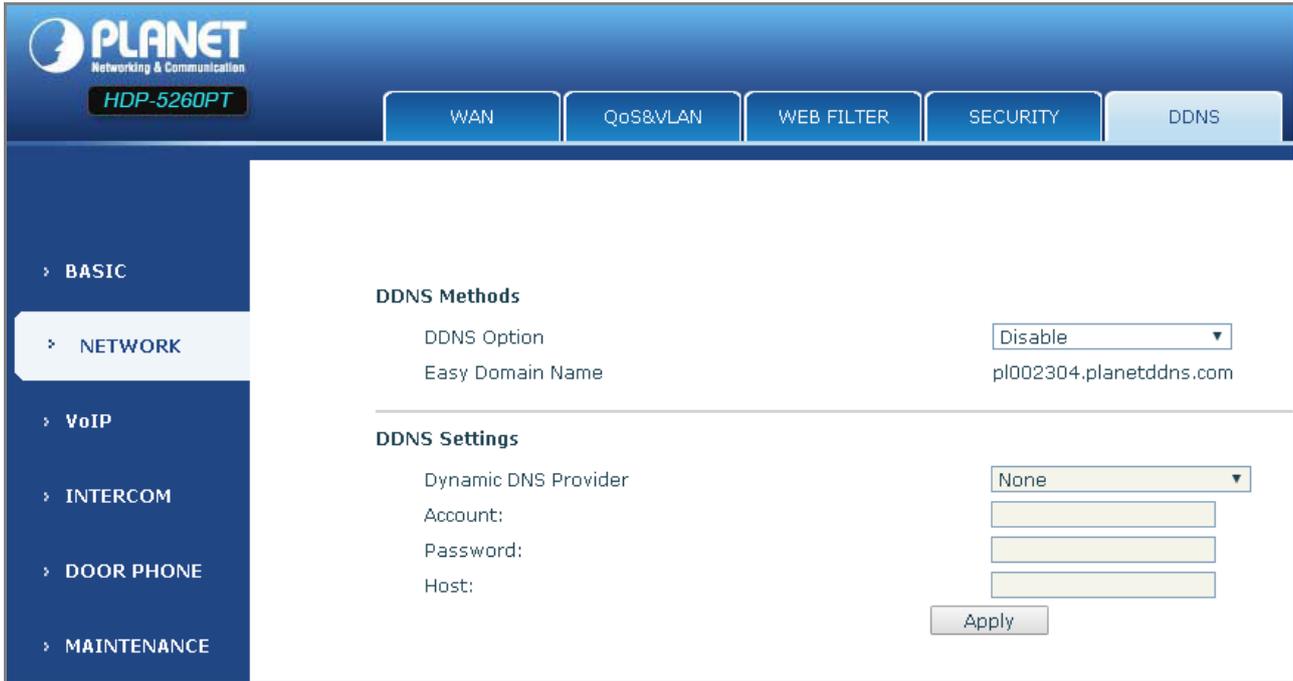
 **Note** Be sure that the filter range includes the IP address of the configuration computer.

### 3.3.4 Security



Security	
Field Name	Description
Update Security File	Select a security file in the field to be updated. Click the Update button to update.
Delete Security File	Select a security file in the field to be deleted. Click the Delete button to delete.
SIP TLS File	Show SIP TLS authentication certificate.
HTTPS File	Show HTTPS authentication certificate.

### 3.3.5 DDNS



The screenshot displays the DDNS configuration page in the PLANET HDP-5260PT web interface. The interface includes a top navigation bar with tabs for WAN, QoS&VLAN, WEB FILTER, SECURITY, and DDNS. A left sidebar contains a menu with options: BASIC, NETWORK (selected), VoIP, INTERCOM, DOOR PHONE, and MAINTENANCE. The main content area is divided into two sections: DDNS Methods and DDNS Settings.

**DDNS Methods**

DDNS Option	Disable
Easy Domain Name	pl002304.planetddns.com

**DDNS Settings**

Dynamic DNS Provider	None
Account:	<input type="text"/>
Password:	<input type="text"/>
Host:	<input type="text"/>

### 3.4 VoIP

#### 3.4.1 SIP



**PLANET**  
Networking & Communication  
HDP-5260PT

SIP STUN

> BASIC  
> NETWORK  
**> VoIP**  
> INTERCOM  
> DOOR PHONE  
> MAINTENANCE  
> LOGOUT

SIP Line SIP 1

**Basic Settings >>**

Status Registered

Server Address

Server Port

Authentication User

Authentication Password

SIP User

Display Name

Enable Registration

**Advanced SIP Settings >>**

**SIP Global Settings >>**

**Advanced SIP Settings >>**

Proxy Server Address	<input type="text"/>	Proxy Server Port	<input type="text"/>
Proxy User	<input type="text"/>	Proxy Password	<input type="text"/>
Backup Server Address	<input type="text"/>	Backup Server Port	<input type="text" value="5060"/>
Domain Realm	<input type="text"/>	Server Name	<input type="text"/>
RTP Encryption	<input type="checkbox"/>	Enable Session Timer	<input type="checkbox"/>
Registration Expires	<input type="text" value="3600"/> second(s)	Session Timeout	<input type="text" value="0"/> second(s)
Keep Alive Type	<span>SIP Option</span>	Keep Alive Interval	<input type="text" value="60"/> second(s)
User Agent	<input type="text"/>	Server Type	<span>COMMON</span>
DTMF Type	<span>RFC2833</span>	RFC Protocol Edition	<span>RFC3261</span>
Local Port	<input type="text" value="5060"/>	Transport Protocol	<span>UDP</span>
Auto Change Port	<input type="checkbox"/>	Change Port Maxnum	<input type="text" value="10"/>
Enable Rport	<input checked="" type="checkbox"/>	Keep Authentication	<input type="checkbox"/>
Enable PRACK	<input type="checkbox"/>	Ans. With A Single Codec	<input type="checkbox"/>
Enable Strict Proxy	<input checked="" type="checkbox"/>	Auto TCP	<input type="checkbox"/>
Enable DNS SRV	<input type="checkbox"/>		

**SIP Global Settings >>**

Strict Branch	<input type="checkbox"/>	Enable Group	<input type="checkbox"/>
Enable RFC4475	<input checked="" type="checkbox"/>	Registration Failure Retry Time	<input type="text" value="32"/> second(s)
Enable Strict UA Match	<input type="checkbox"/>	DND Return Code	<input type="text" value="486(Busy Here)"/>
Reject Return Code	<input type="text" value="486(Busy Here)"/>	Busy Return Code	<input type="text" value="486(Busy Here)"/>

SIP	
Field Name	Description
<b>Basic Settings</b> (Choose the SIP line to be configured)	
Status	Shows registration status. If the registration is successful, the display will be registered; if not successful, the display will not be registered. If a wrong password is given, a 403 error will be shown.
Server Address	SIP server IP address or URI.
Server Port	SIP server port. Default is 5060.
Authentication User	SIP account name (Login ID).
Authentication Password	SIP registration password.
SIP User	Phone number assigned by VoIP service provider. Equipment will not register if there is no phone number configured.
Display Name	Set the display name. This name is shown on Caller ID.
Enable Registration	Check to submit registration information.
<b>Advanced SIP Settings</b>	
Proxy Server Address	SIP proxy server IP address or URI (This is normally the same as the SIP Registrar Server.)
Proxy Server Port	SIP Proxy server port. Normally 5060.
Proxy User	SIP Proxy server account.
Proxy Password	SIP Proxy server password.
Backup Server Address	Backup SIP Server Address or URI (This server will be used if the primary server is unavailable.)
Backup Server Port	Backup SIP Server Port.
Domain Realm	SIP Domain if different from the SIP Registrar Server.
Server Name	Name of SIP Backup server
RTP Encryption	Enable/Disable RTP Encryption.

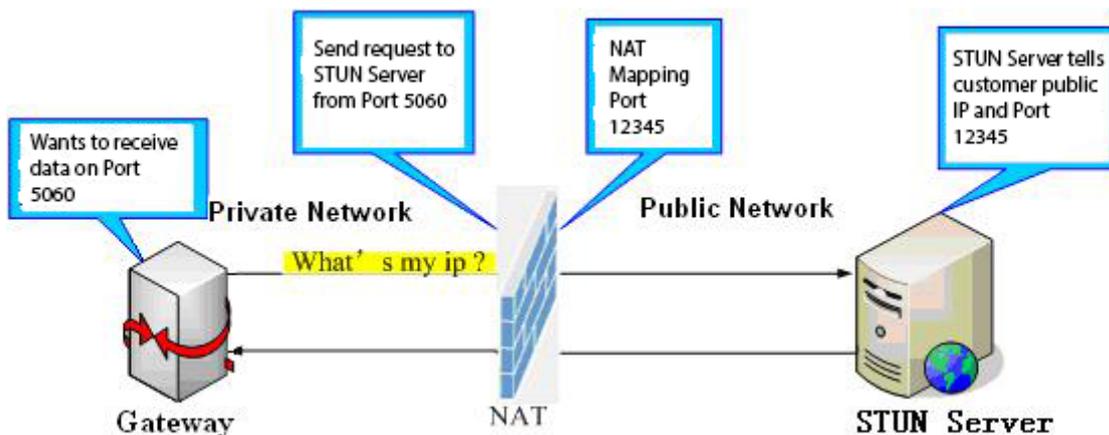
SIP	
Field Name	Description
Enable Session Timer	If enabled, this will refresh the SIP session timer per RFC4028.
Registration Expires	SIP re-registration time. Default is 60 seconds. If the server requests a different time, the phone will change to that value.
Session Timeout	Refresh interval if Session Timer is enabled.
Keep Alive Type	Specifies the NAT keep alive type. If SIP Option is selected, the equipment will send SIP Option SIP messages to the server every NAT Keep Alive Period. The server will then respond with 200 OK. If UDP is selected, the equipment will send a UDP message to the server every NAT Keep Alive Period.
Keep Alive Interval	Set the NAT Keep Alive interval. Default is 60 seconds
User Agent	Set SIP User Agent value.
Server Type	Configures phone for unique requirements of selected server.
DTMF Type	DTMF sending mode. There are four modes: <ul style="list-style-type: none"> <li>● In-band</li> <li>● RFC2833</li> <li>● SIP_INFO</li> <li>● AUTO</li> </ul> Different VoIP Service providers may require different modes.
Protocol Edition	Select SIP protocol version RFC3261 or RFC2543. Default is RFC3261. Used for servers which only support RFC2543.
Local Port	SIP port. Default is 5060.

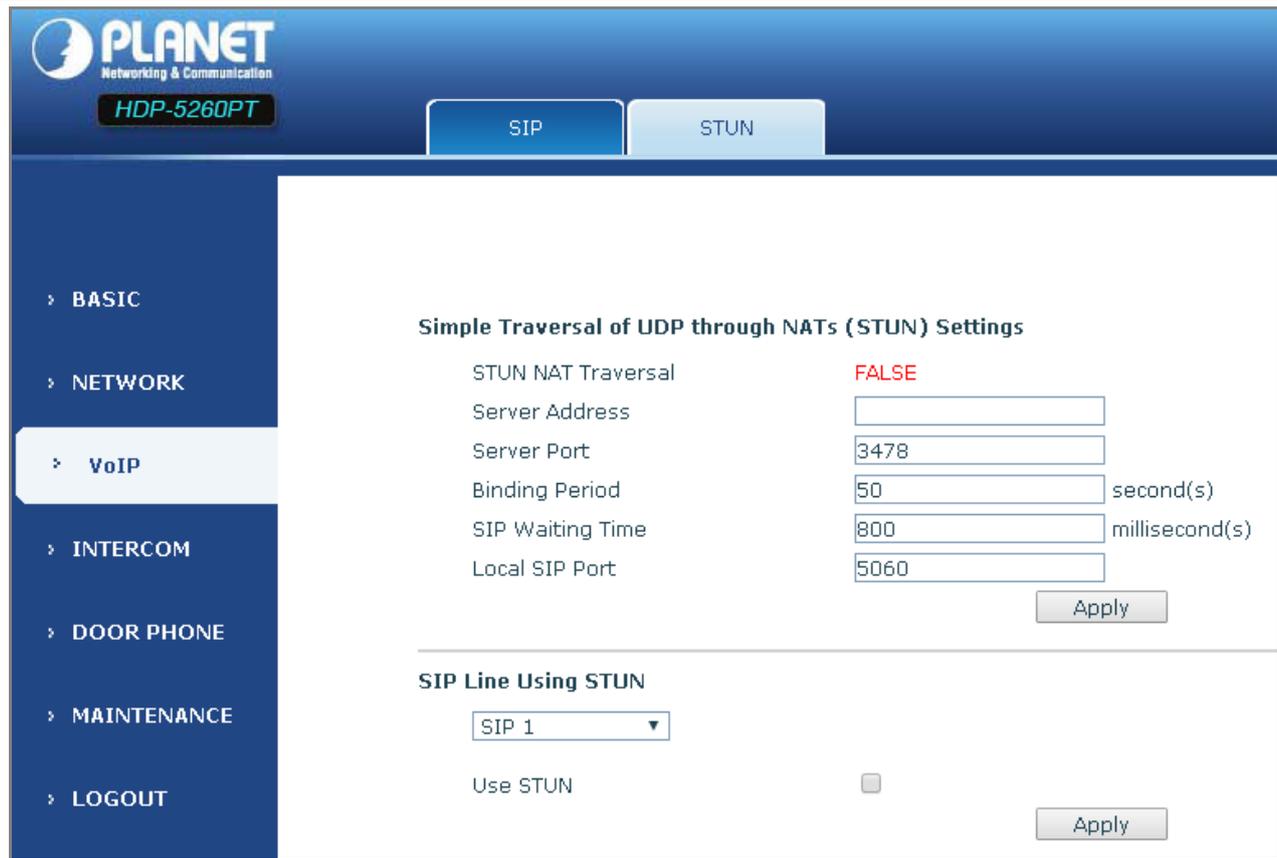
Field Name	Description
Transport Protocol	Configuration using the transport protocol, TCP, TLS or UDP; the default is UDP.
Enable Rport	Enable/Disable support for NAT traversal via RFC3581 (Rport).
Keep Authentication	Enable/disable registration with authentication. It will use the last authentication field which passed authentication by server. This will decrease the load on the server if enabled.
Enable PRACK	Enable or disable SIP PRACK function. Default is OFF. It is suggested this be used.
Ans. With a Single Codec	If enabled phone will respond to incoming calls with only one codec.
Enable Strict Proxy	Enables the use of strict routing. When the phone receives packets from the server it will use the source IP address, not the address in via field.
Auto TCP	Force the use of TCP protocol to guarantee usability of transport for SIP messages

Field Name	Description
	above 1500 bytes
Enable DNS SRV	Enables use of DNS SRV records
<b>SIP Global Settings</b>	
Strict Branch	Enable Strict Branch -- The value of the branch must be after "z9hG4bK" in the VIA field of the INVITE message received, or the phone will not respond to the INVITE. Note: This will affect all lines.
Enable Group	Enable SIP Group Backup. This will affect all lines.
Enable RFC4475	Enable or disable RFC4475. For default, enable it.
Registration Failure Retry Time	Registration failure retry time – If registration fails, the phone will attempt to register again. This will affect all lines.
Enable Strict UA Match	Enable or disable Strict UA Match
DND Return Code	Specify SIP Code returned for DND. Default is 480 -- Temporarily not available.
Reject Return Code	Specify SIP Code returned for Rejected call. Default is 603 – Decline.
Busy Return Code	Specify SIP Code returned for Busy. Default is 486 – Busy Here.

### 3.4.2 STUN

A STUN (Simple Traversal of UDP through NAT) server allows a phone in a private network to know its public IP and port as well as the type of NAT being used. The equipment can then use this information to register itself to a SIP server so that it can make and receive calls while in a private network.





STUN	
Field Name	Description
STUN NAT Traversal	Shows whether or not STUN NAT Traversal is successful.
Server Address	STUN Server IP address
Server Port	STUN Server Port – Default is 3478.
Binding Period	STUN binding period – STUN packets are sent at this interval to keep the NAT mapping active.
SIP Waiting Time	Waiting time for SIP. This will vary depending on the network.
Local SIP Port	Port configure the local SIP signaling
SIP Line Using STUN (SIP1 or SIP2)	
Use STUN	Enable/Disable STUN on the selected line.



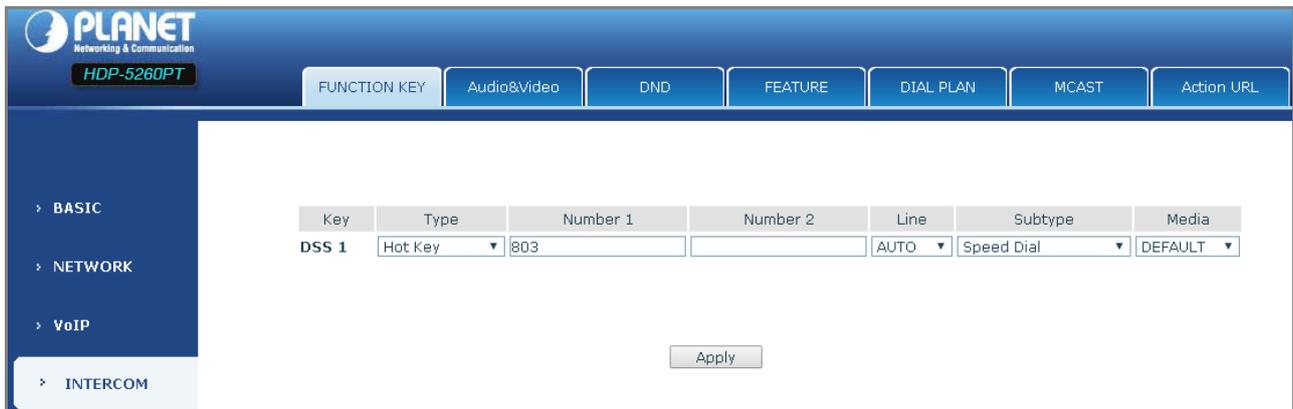
The SIP STUN is used to achieve the SIP penetration of NAT, the realization of a service, when the equipment configuration of the STUN server IP and port (usually the default is 3478) is done. Then select the Use Stun SIP server, the use of NAT equipment, to achieve the penetration.

### 3.5 Intercom

This part is about the intercom of the HDP-5260PT including DSS Key (Function Key), audio and video, DND, etc.

#### 3.5.1 Function Key

As for the programmable keys in phone software (depending on hardware), you can configure a different feature for each key. You can refer to indications below for each feature. The default is NA, meaning without any feature settings.



#### “Key Event Settings”

Set the key type to the Key Event.

Key	Type	Number 1	Number 2	Line	Subtype	Media
DSS 1	Key Event	803		AUTO	<ul style="list-style-type: none"> <li>None</li> <li>None</li> <li>Redial</li> <li>Release</li> <li>OK</li> <li>Handfree</li> </ul>	DEFAULT

DSS Key Type	Subtype	Usage
Key Event	None	Not responding
	Dial	Dial function
	Release	End calls
	OK	Identify key
	Handsfree	The hands-free key (with hook dial and hang up)

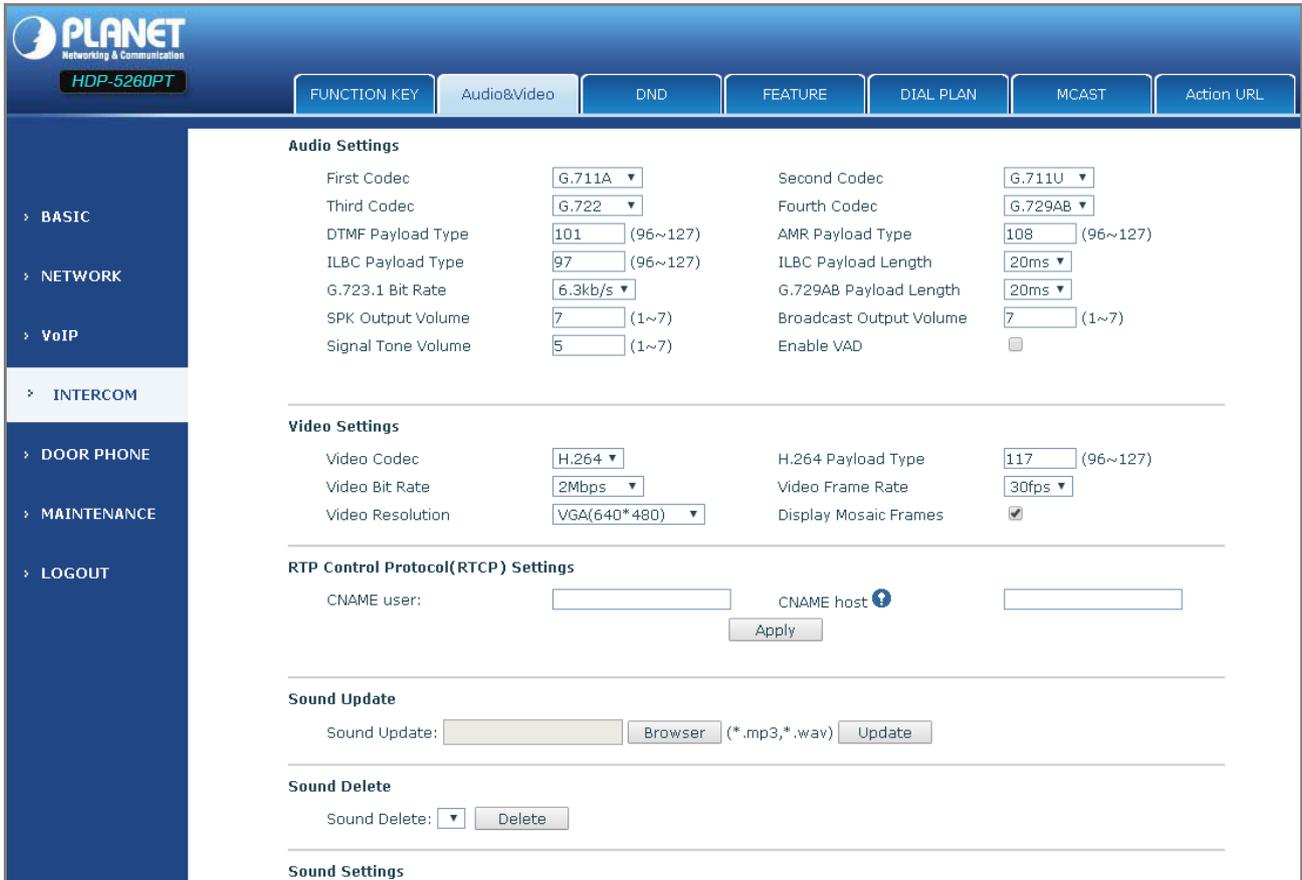
Key	Type	Number 1	Number 2	Subtype	Media
DSS 1	<div style="border: 1px solid black; padding: 2px;"> Hot Key ▾  None  Hot Key  Key Event  Multicast </div>	803		<div style="border: 1px solid black; padding: 2px;"> Speed Dial ▾  Speed Dial  Intercom  None ▾ </div>	DEFAULT ▾

DSS Key Type	Number	Line	Subtype	Usage
Hot Key	Fill out the called party's SIP account or address	The SIP account corresponding lines	Speed Dial	<p>In speed dial mode, you</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> Enable Speed Dial Handdown <span style="float: right;">Enable ▾</span> </div> <p>can define whether this call is allowed to be hung up by re-pressing the speed dial.</p>
			Intercom	In intercom mode, if the caller's IP phone supports intercom feature, auto answer can be realized.

DSS Key Type	Number	Subtype	Usage
Multicast	Set the host IP address and port number; the middle is separated by a colon.	G.711A	Narrowband speech coding (4Khz)
		G.711U	
		G.722	Wideband speech coding (7Khz)
		G.723.1	Narrowband speech coding (4Khz)
		G.726-32	
		G.729AB	

### 3.5.2 Audio & Video

This page configures audio parameters such as voice codec, speak volume, mic volume and ringer volume.



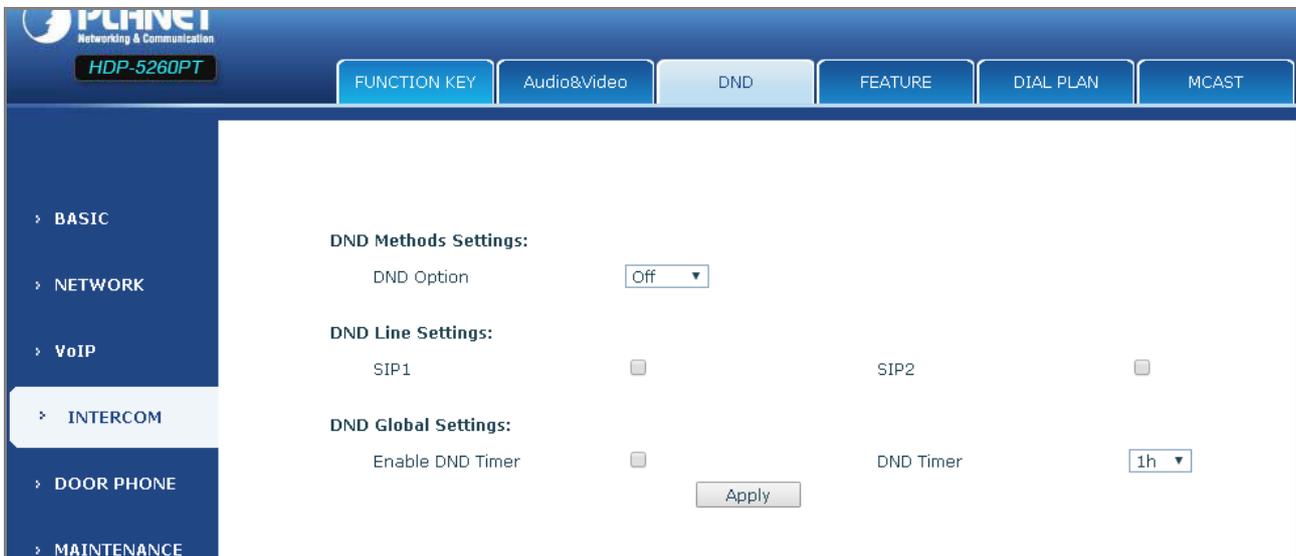
The screenshot shows the configuration interface for the PLANET HDP-5260PT. The 'Audio&Video' tab is selected. The interface is divided into several sections:

- Audio Settings:**
  - First Codec: G.711A
  - Second Codec: G.711U
  - Third Codec: G.722
  - Fourth Codec: G.729AB
  - DTMF Payload Type: 101 (96~127)
  - AMR Payload Type: 108 (96~127)
  - ILBC Payload Type: 97 (96~127)
  - ILBC Payload Length: 20ms
  - G.723.1 Bit Rate: 6.3kb/s
  - G.729AB Payload Length: 20ms
  - SPK Output Volume: 7 (1~7)
  - Broadcast Output Volume: 7 (1~7)
  - Signal Tone Volume: 5 (1~7)
  - Enable VAD:
- Video Settings:**
  - Video Codec: H.264
  - H.264 Payload Type: 117 (96~127)
  - Video Bit Rate: 2Mbps
  - Video Frame Rate: 30fps
  - Video Resolution: VGA(640\*480)
  - Display Mosaic Frames:
- RTP Control Protocol(RTCP) Settings:**
  - CNAME user:
  - CNAME host:
  - Apply:
- Sound Update:**
  - Sound Update:   (\*.mp3,\*.wav)
- Sound Delete:**
  - Sound Delete:
- Sound Settings:** (Section header)

Audio & Video	
Field Name	Description
<b>Audio Settings</b>	
First Codec	The first codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB
Second Codec	The second codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB, None
Third Codec	The third codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB, None
Fourth Codec	The forth codec choice: G.711A/U, G.722, G.723.1, G.726-32, G.729AB, None
DTMF Payload Type	The RTP Payload type that indicates DTMF. Default is 101.
AMR Payload Type	Set the AMR Payload type. Numerical based on between 96 and 127.
ILBC Payload Type	Set the ILBC Payload type. Numerical based on between 96 and 127.
ILBC Payload length	Set the ILBC payload length.
G.723.1 Bit Rate	Choice is either 5.3kb/s or 6.3kb/s.
G.729AB Payload Length	G.729AB Payload Length – Adjustable from 10 – 60 mSec.

Audio & Video	
Field Name	Description
SPK Output Volume	Set the speaker volume level.
Broadcast Output Volume	Set the broadcast output volume level.
Signal Tone Volume	Set the audio signal output volume level.
Enable VAD	Enable or disable Voice Activity Detection (VAD). If VAD is enabled, G729 Payload length cannot be set greater than 20 mSec.
Video Settings	
Video Codec	Set the video codec used in video call (H.263 and H.264)
H.264 Payload Type	Set the H.264 Payload type. Numerical based on between 96 and 127.
Video Bit Rate	Set the bandwidth of video call
Video Frame Rate	Set the video frame rate
Video Resolution	Set the video resolution: QCIF (176 x 144), CIF (352 x 288), VGA (640 x 480), 4CIF (704 x 576), 720p (1280 x 720).
Display Mosaic Frames	Enable or Disable display mosaic
RTP Control Protocol (RTCP) Settings	
CNAME user	Set CNAME user
CNAME host	Set CNAME host
Sound Update	
Choose the ring tone files and then click update to apply.	
Sound Delete	
Delete the ring tone file.	
Sound Settings	
Set the ring tone file; format is .mp3 and .wav	

### 3.5.3 DND



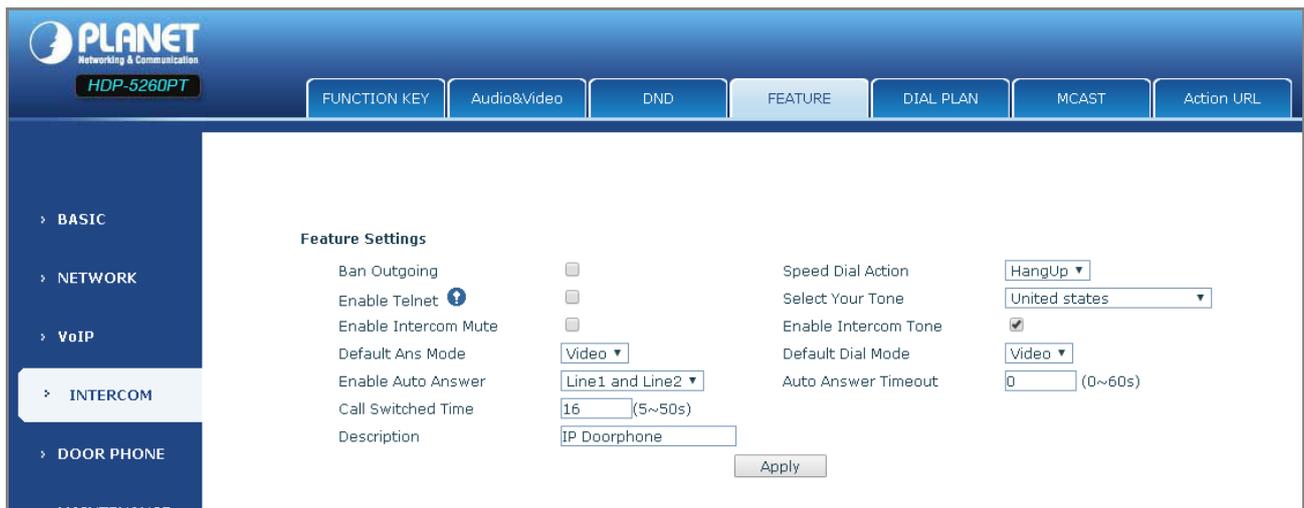
The screenshot shows the PLANET HDP-5260PT web interface. The top navigation bar includes 'FUNCTION KEY', 'Audio&Video', 'DND', 'FEATURE', 'DIAL PLAN', and 'MCAST'. The left sidebar has a menu with 'BASIC', 'NETWORK', 'VoIP', 'INTERCOM', 'DOOR PHONE', and 'MAINTENANCE'. The main content area is titled 'DND Methods Settings:' and contains the following settings:

- DND Option:** A dropdown menu set to 'Off'.
- DND Line Settings:** Two checkboxes for 'SIP1' and 'SIP2', both currently unchecked.
- DND Global Settings:** A checkbox for 'Enable DND Timer' (unchecked) and a 'DND Timer' dropdown menu set to '1h'.

An 'Apply' button is located at the bottom of the settings area.

DND	
Field Name	Description
<b>DND Methods Settings</b>	
DND option	Set the DND option; default is phone.
<b>DND Line Settings</b>	
SIP1	Enable or Disable SIP1 DND
SIP2	Enable or Disable SIP2 DND
<b>DND Global Settings</b>	
Enable DND Timer	Enable or disable DND timer
DND Timer	Set the DND time
Enable White List DND	Enable or disable white list DND

### 3.5.4 Feature



The screenshot shows the 'Feature Settings' page in the PLANET HDP-5260PT web interface. The left sidebar contains a navigation menu with 'INTERCOM' selected. The main content area lists the following settings:

- Ban Outgoing:
- Enable Telnet:
- Enable Intercom Mute:
- Default Ans Mode: Video (dropdown)
- Enable Auto Answer: Line1 and Line2 (dropdown)
- Call Switched Time: 16 (5~50s)
- Description: IP Doorphone
- Speed Dial Action: HangUp (dropdown)
- Select Your Tone: United states (dropdown)
- Enable Intercom Tone:
- Default Dial Mode: Video (dropdown)
- Auto Answer Timeout: 0 (0~60s)

An 'Apply' button is located at the bottom right of the settings area.

Feature	
Field Name	Description
<b>Feature Settings</b>	
Ban Outgoing	If enabled, no outgoing calls can be made.
Speed Dial Action	Default is Speed Dial Hand-down function
Enable Telnet	Enable or disable Telnet
Select your Tone	Standard configuration signal sound.
Enable Intercom Mute	If enabled, incoming calls are muted during an intercom call.
Enable Intercom Tone	If enabled, intercom ring tone is played to alert you there is an intercom call.
Default Ans Mode	Set answer mode; default is video.
Default Dial Mode	Set dial mode; default is video.

Feature	
Field Name	Description
Enable Auto Answer	Enable or disable auto answer.
Enable Auto Answer	Enable or disable auto answer.
Call Switched Time	Set the call switched time.
Auto Answer Timeout	Set the auto answer time
Dial Fixed Length	The number will be sent to the server after the specified digits are dialed.
Description	Device IP description

### 3.5.5 MCAST

Using multicast functionality can be simple and convenient to send notice to each member of the multicast, through setting the multicast key on the device and sending multicast RTP stream to pre-configured multicast address.

**MCAST Settings**

Normal Call Priority

Enable Page Priority

Index/Priority	Name	Host:port
1	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>

### 3.5.6 Action URL

Action URL Settings	
Active URI Limit IP	<input type="text"/>
Setup Completed	<input type="text"/>
Registration Success	<input type="text"/>
Registration Disabled	<input type="text"/>
Registration Failed	<input type="text"/>
Off Hook	<input type="text"/>
On Hook	<input type="text"/>
Incoming Call	<input type="text"/>
Outgoing Call	<input type="text"/>
Call Established	<input type="text"/>
Call Terminated	<input type="text"/>
DND Enabled	<input type="text"/>
DND Disabled	<input type="text"/>
Mute	<input type="text"/>
Unmute	<input type="text"/>
Missed Call	<input type="text"/>
IP Changed	<input type="text"/>
Idle To Busy	<input type="text"/>
Busy To Idle	<input type="text"/>

**Action URL Settings**

URL for various actions performed by the phone. These actions are recorded and sent as xml files to the server. Sample format is `http://InternalServer /FileName.xml`

### 3.6 Door Phone

This part focuses on the door phone function including card management, add/remove card and log.

### 3.6.1 Door Phone

EGS Settings			
Switch Mode	<input type="text" value="monostable"/>	Keypad Mode	<input type="text" value="Dial and Password"/>
Switch-On Duration	<input type="text" value="5"/> (1~600 seconds)	Talk Duration	<input type="text" value="120"/> (20~600 seconds)
Remote Password	<input type="text" value="*"/>	Local Password	<input type="text" value="6789"/>
Hot Key Dial Mode Select	<input type="text" value="Main-Secondary"/>	Enable Access Table	<input type="text" value="Enable"/>
Day Start Time	<input type="text" value="06:00"/> (00:00~23:59)	Day End Time	<input type="text" value="18:00"/> (00:00~23:59)
Address of Log Server	<input type="text" value="0.0.0.0"/>	Port of Log Server	<input type="text" value="514"/>
Enable Log Server	<input type="text" value="Disable"/>	Enable Indoor Open	<input type="text" value="Enable"/>
Enable Card Reader	<input type="text" value="Enable"/>	Limit Talk Duration	<input type="text" value="Enable"/>
Door Unlock Indication	<input type="text" value="Long beeps"/>	Remote Access Code Check Length	<input type="text" value="9"/> (1~9)

---

Tamper Alarm Settings			
<input type="checkbox"/> Tamper Alarm		<input type="button" value="Reset"/>	
Alarm command	<input type="text" value="Tamper_Alarm"/>	Reset command	<input type="text" value="Tamper_Reset"/>
Server Address	<input type="text"/>	Tamper Alarm Ring	<input type="text" value="default"/>
<input type="button" value="Apply"/>			

Door Phone		
Field Name	Description	Initial Value
<b>EGS Settings</b>		
Switch Mode	<p>Mono-stable: There is only one fixed action status for door unlocking.</p> <p>Bi-stable: There are two actions and statuses for door unlocking and door locking. Each action might be triggered and changed to the other status. After changing, the status would be kept.</p>	monostable
Keypad Mode	<p>Only password: password input only, dialing would be forbidden.</p> <p>Password+dialing: password input is default. Dialing mode is shown below if you want.</p> <p>Key for off hook to dialing mode, # key for hang up.</p> <p>Time out or length matches for number sending when dialing mode. * Key to enter the dial, the # key to hang up.</p>	Password+dialing
Switch-On Duration	Door unlocking time for Mono-stable mode only. If the time is up, the door would be locked automatically.	5 seconds
Talk Duration	The call will be ended automatically when time is up.	120 seconds
Remote Password	Remote door unlocking password.	*
Local Password	Local door unlocking password via keypad; the default	6789

Door Phone		
Field Name	Description	Initial Value
	password length is 4.	
Description	Device description displayed on IP scanning tool software.	HDP-5260PT Video Sip Door phone
Enable Access Table	Enable Access Table: enter <Access Code> for opening door during calls. Disable Access Table: enter <Remote Password> for opening door during calls.	Enable
Hot Key Dialed Mode Selection	<Primary/Secondary> mode allows system to call primary extension first; if there is no answer, it would cancel the call and then call secondary extension automatically. <Day/Night> mode allows system to check the calling time belonging to Day or Night time, and then decide to call number 1 or number 2 automatically. Users just press speed dial key once.	Primary /secondary
Call Switched Time	The period between hot keys dialing to the first and second number.	16 seconds
Day Start Time	The start time of the day when you select <Day/Night> mode.	06:00
Day End Time	The end time of the day when you select <Day/Night> mode.	18:00
Address of Log Server	Log server address (IP or domain name)	0.0.0.0
Port of Log Server	Log server port (0-65535)	514
Enable Log Server	Enable or disable to connect with log server	Disable
Enable Indoor Open	Enable or disable to use indoor switch to unlock the door.	Enable
Enable Card Reader	Enable or disable card reader for RFID cards.	Enable
Limit Talk Duration	If enabled, calls would be forced to end after talking time is up.	Enable
Door Unlock Indication	Indication tone for door unlocked. There are 3 types of tone: silent, short and long beeps.	Long beep
Remote Access Code Check Length	The remote access code length would be restricted with it. If the input access code length is matched with it, system would check it immediately.	4

### 3.6.2 Door Card

**Door Card Table**

Total: 0 Page:      [Right Click here to Save Door Card Table](#)

Index	Name	ID	<input type="checkbox"/>	Issuing Date	Card State
<input type="button" value="Apply"/>					

---

**Add Door Card**

ID

---

**Import Door Card Table**

Select File   (doorCard.csv)

---

**Card Reader Setting>>**

State

---

**Administrator Table>>**

**Add Administrator>>**

**Delete Administrator>>**

Door Card	
Field Name	Description
<b>Door Card Table</b>	
Index	The serial number of issuer card.
Name	The name of issuer card.
ID	The number of issuer card. (Note: The card not registered in the remote access list is unable to open the door.)
Issuing Date	The issuing date of issuer card.
Card State	The state of issuer card.
Delete	Click <delete> to delete the door card list within the selected ID card.
Delete All	Click <Delete All> to delete all door card lists.
Export Door Card Table	<a href="#">Right Click here to Save Door Card Table</a> Right-click it to save target to your computer.
<b>Add Door Card (If you don't add rules, that will be just the temporary card.)</b>	
To input RFID card number with the first 10 numbers; for example, 0004111806, click <add>.	
<b>Import Door Card Table</b>	
Click <Browse> to choose to import door card list file (doorCard.csv), and click <Update> to import the batch.	
<b>Card Reader Setting</b>	
Set ID card state:	
Normal: In the work mode, just put the card in the slot to open the door.	

Door Card	
Field Name	Description
Card Issuing:	In the issuing mode, just put the card in the slot to add ID cards.
Card Revoking:	In the revoking mode, just put the card in the slot to delete ID cards.
Administrator Table	
Showing the ID, Date and Type of Amin Card.	
Add Administrator	
<p>ID: admin card number.</p> <p>Type: Issuer and Revoking.</p> <p>In the normal state for entry, swipe the card (issuing card). In the issuing state for entry, swipe the card to add a card; the card is added to the database. Swipe the card (issuing card) again for entry to return to the normal state. At most, 10 cards can be released; 2000 copies of ordinary cards.</p> <p>Note: In the issuing state, to delete brush card is invalid, and vice versa.</p>	
Delete Administrator	
Choose to delete the card number, and then press <delete>.	

### 3.6.3 Door Access

**Access Table**

Total: 0 Page:     [Right Click here to Save Access Table](#)

Index	Name	ID	Department	Position	Location	Number	Fwd Number	Access Code	Double Auth	Access by Call	Access by Psw	Profile	Type	<input type="checkbox"/>
-------	------	----	------------	----------	----------	--------	------------	-------------	-------------	----------------	---------------	---------	------	--------------------------

---

**Add Access Rule**

Name  \* Department  Position

ID  Time Profile  Access Type

Access Code   Double Authentication

Location  Phone Num  Forward Num

---

**Import Access Table**

Select File:   (accessList.csv)

---

**Profile Settings**

Profile

---

Profile Name	Day	Active	From(00:00-23:59)	To(00:00-23:59)
	Sunday	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Monday	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Tuesday	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Wednesday	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Thursday	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Friday	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Saturday	<input type="text"/>	<input type="text"/>	<input type="text"/>

Door Access	
Field Name	Description
<b>Access Table</b>	
According to entrance guard access rules, single or multiple rules on this list can be chosen to delete operation.	
<b>Add Access Rule</b>	
You can add new access rules, or select an existing project within the list to modify	
Name (necessary)	User name
Department	Card holder's department
Position	Card holder's position
ID	RFID card number
Time Profile	Valid for user access rules (including RFID, access code, etc) within corresponding time section. If NONE is selected, it would be taken effect all day.
Access Type	Host: the door phone would answer all calls automatically. Guest: the door phone would be ringing for incoming calls, if the auto answer is disabled.
Access Code	1. When the door phone is answering a call from below <Phone Num> user, then the <Phone Num> user can input the access code by keypad to unlock the door remotely. 2. The user's private password for local door unlocking by door phone's keypad.
Double Authentication	When enabled, private password inputting and RFID reading must be matched simultaneously for door unlocking.
Location	Virtual extension number, used to make position call instead of real number. It might be taken with unit number, or room number.
Phone Number	User Phone Number
<b>Import Access Table</b>	
Click <Browse> to choose to import remote access list file (access List.csv) and then click <Update> to import the batch.	
Time profile sections	There are 4 sections for time profile configuration.
Profile Name	The name of profile to help administrator to remember the time definition.
Active	If it were yes, the time profile would be taken effect. Other time section not included in the profiles would not allow users to open door.
From	The start time of section
To	The end time of section

### 3.6.4 Door Log

According to open event log, it can record up to 200,000 open events. [Right Click here to Save Logs](#) Right-click on

the link to save target as the door log can be exported in the CSV format.

**Door Opening Log**

Page:     [Right Click here to Save Logs](#)

Result	Door Opening Time	Duration	Access Name	Access ID	Type

---

**Export CallLogs List** [Right Click here to Save CallLogs](#)

Door Log	
Field Name	Description
Door Opening Log	
Result	Show the results of door opening
Door Opening Time	Opening time for the door
Duration	Duration of opening the door.
Access Name	If the door is open remotely or with a card, it will display access to the name remotely.
Access ID	1. Open the door by swiping the card that shows the card number. 2. Open the door by remotely displaying the phone number of the door. 3. If the door is open for the locals, no information is displayed.
Type	Open type: 1. local; 2. remote; 3. valid; 4, invalid.
Export CallLogs List	
Right-click here to Save CallLogs and select save target to your computer.	

## 3.7 Door Phone

### 3.7.1 Auto Provision

The equipment supports PnP, DHCP, and Phone Flash to obtain configuration parameters. They will be queried in the following order when the equipment boots.

DHCP option → PnP server → Phone Flash

**Auto Provision Settings**

Current Config Version

Common Config Version

CPE Serial Number

User

Password

Config Encryption Key

Common Config Encryption Key

Download Fail Check Times

Save Auto Provision Information

Download CommonConfig enabled

Download DeviceConfig enabled

---

**DHCP Option Settings >>**

---

**Plug and Play (PnP) Settings >>**

---

**Phone Flash Settings >>**

---

**TR069 Settings >>**

Auto Provision	
Field Name	Description
<b>Auto Provision Settings</b>	
Current Config Version	Show the current config file's version. If the version of configuration download is higher than this, the configuration will be upgraded. If the endpoints confirm the configuration by the Digest method, the configuration will not be upgraded unless it differs from the current configuration.
Common Config Version	Show the common config file's version. If the configuration download is the same as this configuration, the auto provision will stop. If the endpoints confirm the configuration by the Digest method, the configuration will not be upgraded unless it differs from the current configuration.
CPE Serial Number	Serial number of the equipment
User	Username for configuration server. Used for FTP/HTTP/HTTPS. If this is blank, the phone will use anonymous.

Auto Provision	
Field Name	Description
Password	Password for configuration server. Used for FTP/HTTP/HTTPS.
Config Encryption Key	Encryption key for the configuration file
Common Config Encryption Key	Encryption key for common configuration file
Download Fail Check Times	Download failed and check times
Save Auto Provision Information	Save the auto provision username and password in the phone until the server URL changes
Download CommonConfig enabled	Enable or disable download commonconfig
Download DeviceConfig enabled	Enable or disable download deviceconfig
DHCP Option Settings	
DHCP Option Setting	The equipment supports configuration from Option 43, Option 66, or a Custom DHCP option. It may also be disabled.
Custom DHCP Option	Custom option number. Must be from 128 to 254.
Plug and Play (PnP) Settings	
Enable PnP	If this is enabled, the equipment will send SIP SUBSCRIBE messages to a multicast address when it boots up. Any SIP server understanding that message will reply with a SIP NOTIFY message containing the Auto Provisioning Server URL where the phones can request their configuration.
PnP server	PnP Server Address
PnP port	PnP Server Port
PnP Transport	PnP Transfer protocol – UDP or TCP
PnP Interval	Interval time for querying PnP server. Default is 1 hour.
Phone Flash Settings	
Server Address	Set FTP/TFTP/HTTP server IP address for auto update. The address can be an IP address or Domain name with subdirectory.
Config File Name	Specify configuration file name. The equipment will use its MAC ID as the config file name if this is blank.
Protocol Type	Specify the Protocol type: FTP, TFTP or HTTP.
Update Interval	Specify the update interval time. Default is 1 hour.
Field Name	Description
Update Mode	1. Disable – no update 2. Update after reboot – update only after reboot.

Auto Provision	
Field Name	Description
	3. Update at time interval – update at periodic update interval
TR069 Settings	
Enable TR069	Enable or disable TR069 configuration
Enable TR069 Warning Tone	Enable or disable TR069 Warning Tone
ACS Server Type	Select Common or CTC ACS Server Type.
ACS Server URL	ACS Server URL.
ACS User	User name for ACS.
ACS Password	ACS Password.
TR069 Auto Login	Enable or disable TR069 Auto Login.

### 3.7.2 Syslog

Syslog is a protocol used to record log messages using a client/server mechanism. The Syslog server receives the messages from clients, and classifies them based on priority and type. Then these messages will be written into a log by rules which the administrator has configured.

#### Syslog Settings

Server Address

Server Port

MGR Log Level

SIP Log Level

Enable Syslog

---

#### Web Capture

#### Web Log

There are 8 levels of debug information.

Level 0: emergency -- System is unusable. This is the highest debug info level.

Level 1: alert -- Action must be taken immediately.

Level 2: critical -- System is probably working incorrectly.

Level 3: error -- System may not work correctly.

Level 4: warning -- System may work correctly but needs attention.

Level 5: notice -- It is the normal but significant condition.

Level 6: Informational -- It is the normal daily messages.

Level 7: debug -- Debug messages normally used by system designer. This level can only be displayed via telnet.

Syslog	
Field Name	Descripton
<b>System log settings</b>	
Server Address	System log server IP address.
Server port	System log server port.
MGR log level	Set the level of MGR log.
SIP log level	Set the level of SIP log.
Enable syslog	Enable or disable system log.
<b>Web Capture</b>	
Start	Capture a packet stream from the equipment. This is normally used to troubleshoot problems.
Stop	Stop capturing the packet stream

### 3.7.3 Config

**Save Configuration**

Click "Save" button to save the configuration files!

---

**Backup Configuration**

Save all network and VoIP settings.

Right Click here to Save as Config File(.txt)

Right Click here to Save as Config File(.xml)

---

**Reset Content**

Click "Clear" button to clear the CallLogs!

---

**Reset Configuration**

Click "Clear" button to reset the configuration files!

Content to Reset

- Dsskey\_Module
- DialPlan\_Module

Content to Keep

- SIP\_Module

Config	
Field Name	Description
Save Configuration	Save the current equipment configuration. Clicking this will save all configuration changes and make them effective immediately.
Backup Configuration	Save the equipment configuration to a txt or xml file. Please remember to right-click on the choice and then choose "Save Link As."
Reset Content	Click the "clear" button to reset phone records and photos.
Reset Configuration	To reset the system to automatically restart the equipment.

### 3.7.4 Update

This page allows uploading configuration files to the equipment.

**Web Update**

Select File:   (\*.txt,\*.xml,\*.cfg,\*.zip,\*.bin)

**Warning: Update time is about 4 minutes, please do not remove the device during the update process!!**

Update	
Field Name	Description
<b>Web Update</b>	Browse the config file, and press Update to load it to the equipment. Various types of files can be loaded here including firmware, ring tones, local phonebook and config files in either text or xml format.

### 3.7.5 Access

On this page, the user can add and remove users, and can modify the existing user admissions.

**Reboot Phone**

Click "Reboot" button to restart the phone!

Access	
Field Name	Description
<b>User Settings</b>	
User	shows the current user name
User level	Show the user level; admin user can modify the configuration. General user can only read the configuration.
<b>Add User</b>	
User	Set User Account name
Password	Set the password
Confirm	Confirm the password
User level	There are two levels. Root user can modify the configuration. General user can only read the configuration.
<b>User Management</b>	
Select the account and click Modify to modify the selected account. Click Delete to delete the selected account. A general user can only add another general user.	

### 3.7.6 Reboot

Some configuration modifications require a reboot to become effective. Clicking the Reboot button will cause the equipment to reboot immediately.

**Reboot Phone**

Click "Reboot" button to restart the phone!



Note

Be sure to save the configuration before rebooting.

### 3.8 Logout

Click <Logout> from the web. When visiting the web next time, user name and password are needed.

**Logout**

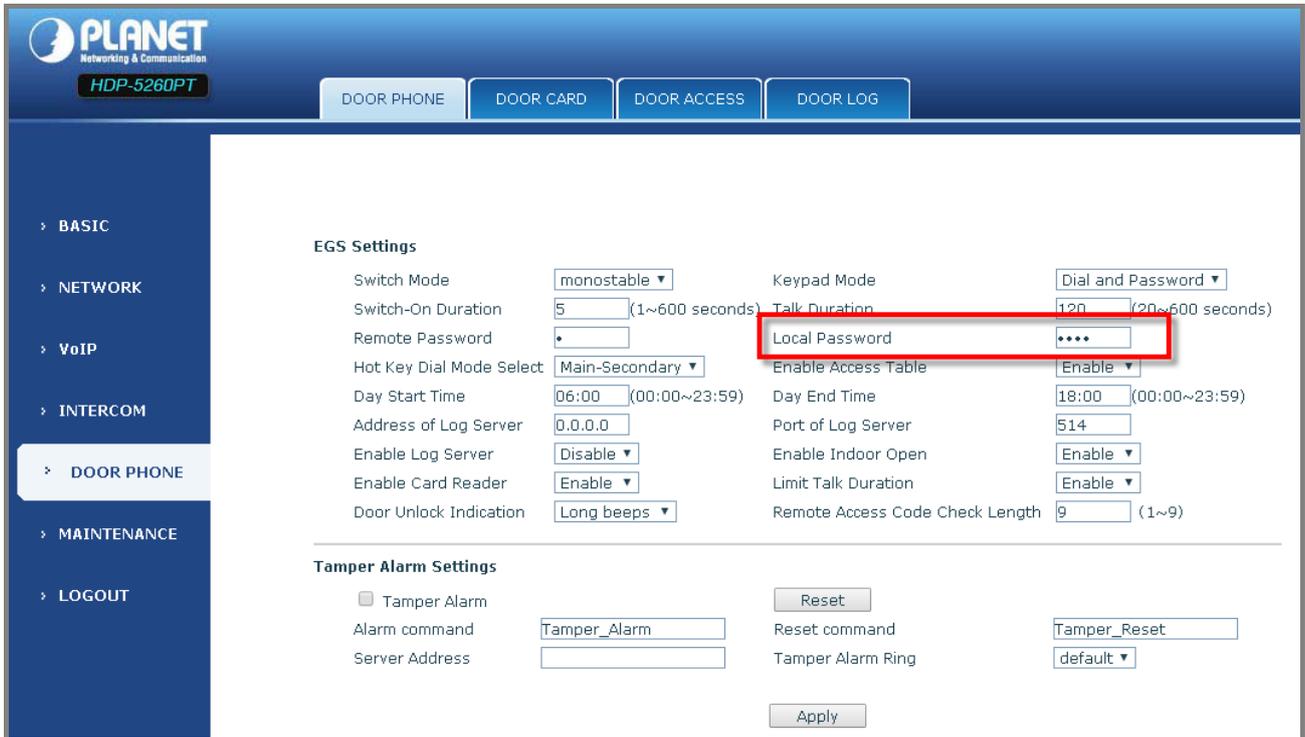
Click "Logout" button to logout the system!

# Appendix A: Open Door Mode

## 1. Local

### a. Local Password

- Go to [Door Phone]>[Door Phone] to set [Local Password] (Default is 6789.).



The screenshot shows the 'DOOR PHONE' settings page. Under 'EGS Settings', the 'Local Password' field is highlighted with a red box. Other settings include Switch Mode (monostable), Keypad Mode (Dial and Password), and various duration and time settings.

- Use the device's keypad to input password and "#" key, then the door will be unlocked.

### b. Private access code

- Go to [Add Access Rule]>[ Access Code] and enable local authentication.



The screenshot shows the 'Access Table' and 'Add Access Rule' sections. The 'Add Access Rule' form has the 'Access Code' field highlighted with a red box. The form includes fields for Name, Department, Position, ID, Time Profile, Access Type, and Double Authentication.

- Use the device's keypad to input access code and "#" key, then the door will be unlocked.

## 2. Remote

### a. Visitors call to owner

Remote Password

Step 1: Go to Door Phone → 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 for visitor.

DOOR PHONE				DOOR CARD		DOOR ACCESS		DOOR LOG	
<b>EGS Settings</b>									
Switch Mode	monostable		Keypad Mode	Dial and Password					
Switch-On Duration	5 (1~600 seconds)		Talk Duration	120 (20~600 seconds)					
Remote Password	•		Local Password	••••					
Hot Key Dial Mode Select	Main-Secondary		Enable Access Table	Enable					
Day Start Time	06:00 (00:00~23:59)		Day End Time	18:00 (00:00~23:59)					
Address of Log Server	0.0.0.0		Port of Log Server	514					
Enable Log Server	Disable		Enable Indoor Open	Enable					
Enable Card Reader	Enable		Limit Talk Duration	Enable					
Door Unlock Indication	Long beeps		Remote Access Code Check Length	9 (1~9)					

### b. Owner calls to visitors

- Owner calls to visitors via SIP phone.
- SIP door phone answers the call automatically.
- Owner use keypad to input corresponding <Access codes> to unlock the door.

## 3. Slot Cards

- Use pre-assigned RFID cards to unlock the door by touching RFID area of device.  
Step 1: Go to Door Card → 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.

DOOR PHONE
DOOR CARD
DOOR ACCESS
DOOR LOG

---

**Door Card Table**

Total: 2 Page: 1     [Right Click here to Save Door Card Table](#)

Index	Name	ID	<input type="checkbox"/>	Issuing Date	Card State
1		0008587414	<input type="checkbox"/>	2016/05/12 17:12:24	Enable <input type="button" value="v"/>
2		0008587355	<input type="checkbox"/>	2016/05/12 17:14:21	Enable <input type="button" value="v"/>

---

**Add Door Card**

ID

## Appendix B: How to use ICF-1800 to open door via DTMF code

Step 1. Install HDP-5260PT x 3 (HDP-5260PT-A / HDP-5260PT-B / HDP-5260PT-C) and ICF-1800 x 1 and IPX-330 x 1 at the client.

Step 2. Register account at each door phone or VoIP phone to IPBPBX.

HDP-5260PT-A = 201

HDP-5260PT-B = 202

HDP-5260PT-C = 203

ICF-1800 = 204

Step 3. Go to the Web UI of HDP-5260PT-A/B/C to set “Press the DSS key to call ICF-1800” or “Press 204 (Numeric Keyboard) to call ICF-1800”.

Key	Type	Number 1	Number 2	Line	Subtype	Media
DSS 1	Hot Key	204		AUTO	Speed Dial	DEFAULT

Step 4. When you press “204” at HDP-5260PT, the ICF-1800 will ring. The ICF-1800 could talk with visitor and open door.

DTMF Mode:	RFC2833
<b>Video Option:</b>	Auto
Video Call:	RFC2833
	SIP Info
<b>Audio Codec:</b>	Inband



You could set a different DTMF password, such as “1234” for the HDP-5260PT-A and “5678” for the HDP-5260PT-B, but we suggest the DTMF mode must be the same.