

D1 Gateway User Manual

Product Parameters

Item	Parameter
Type	ETAP05-D1
Structure size	190mm(H)×190mm(V)×41mm(D)
Weight	360g
Appearance color	White
Operating voltage	DC 12V
Operating current	less than 300mA
Work Mode	2.4GHz
Work distance	Open space distance ≥ 30 meters
Data Interface	Standard network cable interface
Storage temperature	-30℃~70℃
Configure interface	USB2.0
Humidity	≤80%RH

Accessories in The Box



Gateway



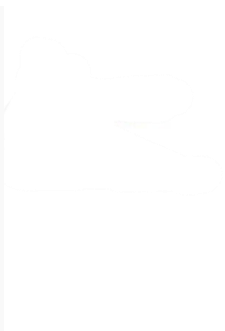
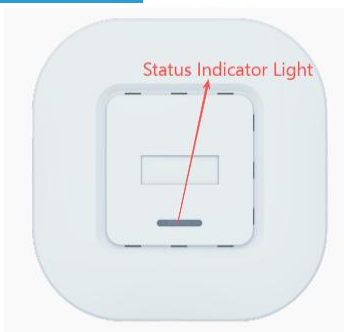
Ceiling installation accessory



Set screw

Base Station Introduction

Front side introduction



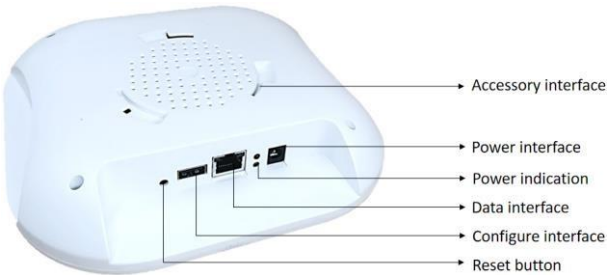
Status indicator

LED_ B: Power indicator

LED_ R: Work indicator

Base Station Introduction

Back side introduction



Item	Parameter
Power interface	Use the standard DC 12V power supply
Power indication	Two lights are always on, indicating that the power supply of the base station is normal
Data interface	Use UTP/STP of category 5 or above
Configure interface	USB2.0, USB flash disk configuration
Reset button	Press the reset button for about 8 seconds until the yellow light stays on and then goes off, indicating reset completion.
A c c e s s o r y interface	Use with ceiling mounting accessories

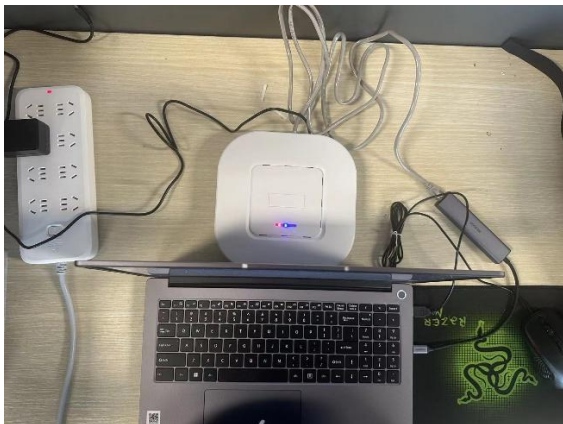
Installation and configuration steps

1

Hardware Environment Setup

1.1 Connect the base station to the power supply and wait for about 20 seconds until the red light comes on, indicating that it is ready to operate.

1.2 Plug an Ethernet cable into the base station to connect it to the computer.

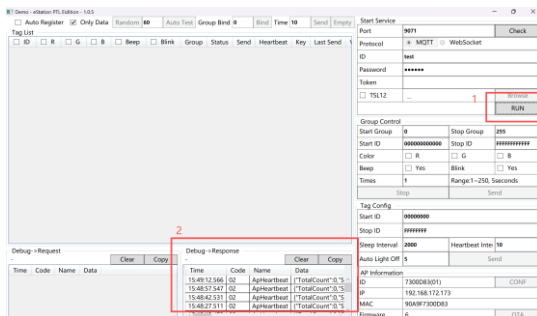


1.3 In the computer's network connections, change the Ethernet IP address to 192.168.172.172 and the subnet mask to 255.255.255.0. After the modification is complete, power cycle the base station.

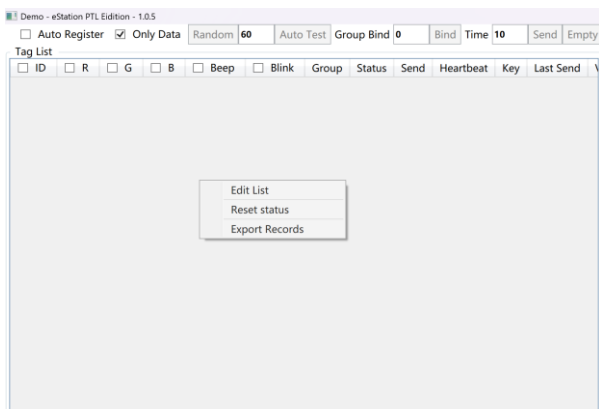


Open the eStation_PTL_Demo configuration tool and set the relevant parameters.

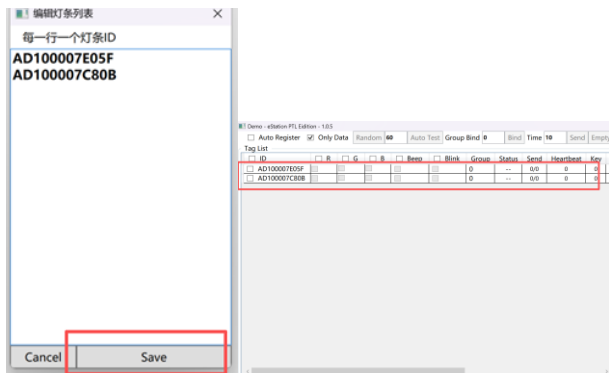
2.1 Click "RUN". If data appears in the lower left corner, it means the base station is successfully connected to the Demo tool. If no data appears, press and hold the reset button on the base station to reset it. (Remember to power cycle the base station.)



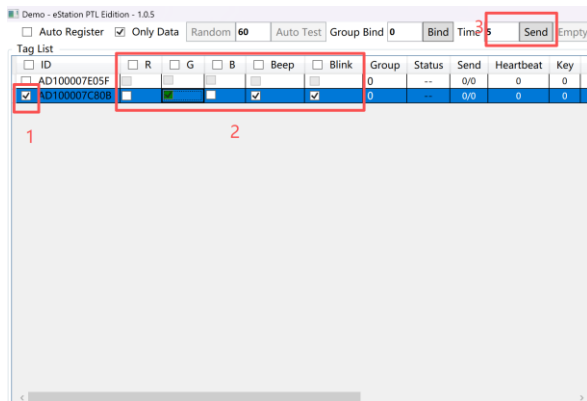
2.2 Control the light strip to turn on. Right-click in the gray area on the left, click "Edit list" to add the light strip.



2.3 In the "Edit Light Strip List", enter a light strip number in each row (ensure the input method is in English). You can add multiple light strips. Finally, click "Save" to complete the addition of the light strips.



2.4 Select the light strip you want to control and choose its parameters: "R" for red, "G" for green, "B" for blue, and you can also mix and match these colors; "Beep" for the buzzer to sound; "Blink" for the light to flash. "Time" represents the duration in seconds. Finally, click "Send". The corresponding light strip will respond accordingly.



Installation and setup steps

2.5 Configure the base station for public network deployment or local deployment. Using Seekron public network deployment as an example, click "CONF". In "AP Config", set the base station parameters: "Server Address" is the IP address of the server the base station communicates with; "Port" is the server's open port number; "Account, Password" are the server's access credentials; "IP Address" is the base station's IP (customizable but must be in the same network segment as the server IP); "Subnet Mask" and "Gateway Address" are customizable. Finally, click "Settings".

The screenshot displays the 'AP Config' window with various configuration fields and a 'CONF' button. A red box highlights the 'CONF' button, and a red circle highlights the 'AP Config' window title bar.

AP Config Configuration Parameters:

配置参数	Value
Alias	01
服务器地址	114.55.52.37
端口	9008
账号	lcdAdmin
密码	eTagTech@Pass
加密	☐ 使用TLS12
IP设置	☒ 自动获得IP地址
IP地址	
子网掩码	
网关地址	
心跳速度	15
广播速度	5
协议类型	1

AP Information:

Field	Value	Action
ID	7300D83(01)	CONF
IP	192.168.172.173	
MAC	90A9F7300D83	
Firmware	6	OTA

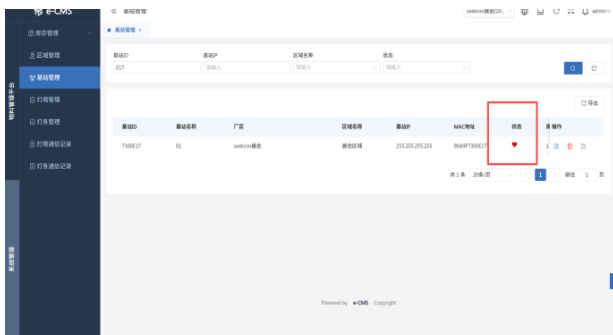
Installation and setup steps

3

Power cycle the device and connect to use it.

3.1 After configuration is complete, disconnect the Ethernet cable from the computer, connect it to the public network, and power cycle the base station.

3.2 Open the server website to check if the base station is online. If the "Status" shows a red heart, it means the base station has successfully gone online.



FCC STATEMENT

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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:

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

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits 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 20cm(8 inches)during normal operation.

That changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.