

COMFAST

Quick Installation Guide

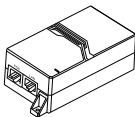


SINMAX Wireless Bridge

1 Packing list



The Main Device

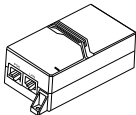


POE Power Adapter

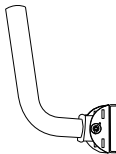


Ribbon

2 Optional Accessories

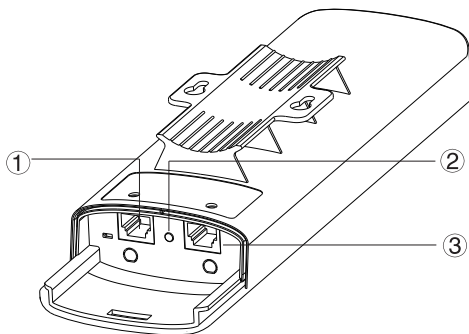


POE Power Adapter



Multi Angle Metal bracket

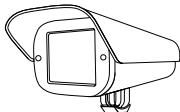
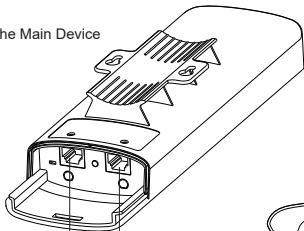
3 Interface Description



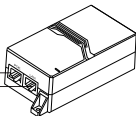
- ① LAN Port: POE power supply and data transmission;
- ② Reset: Restore to the factory settings;
- ③ WAN Port: POE power supply and data transmission;

4 Schematic Diagram Of Typical Connection

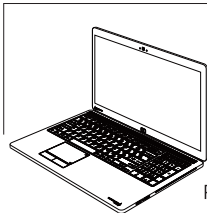
The Main Device



Security/P camera



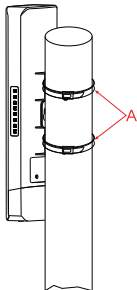
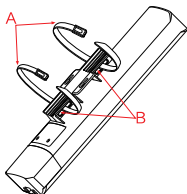
POE Power Adapter



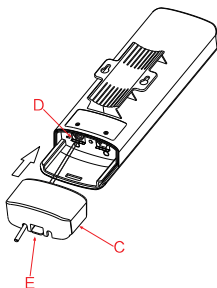
PC

5 Installation Guide for Tie

1) Insert two ties A into the two holes B as picture shows, It can be adjusted by pole thickness.

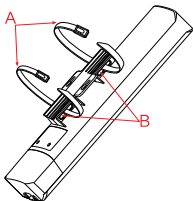


2) Install the main device on the pole and then fasten the ties A by pliers.



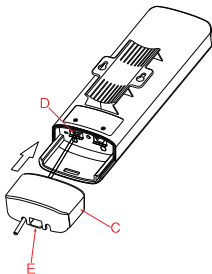
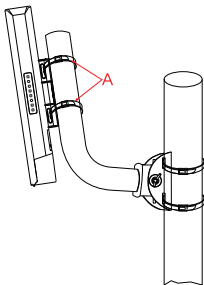
3) Press the fastener E and take off the cover C. Then insert the cable D into the RJ45 port and cover it to finish the installation.

6 Installation Guide for Mount Bracket



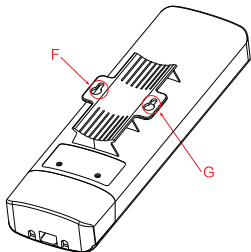
1) Insert two ties A into the two holes B as picture shows, It can be adjusted by pole thickness.

2) First install the tie A to the mount bracket. Then install the main device on the pole of the mount bracket and then fasten the ties A by pliers.



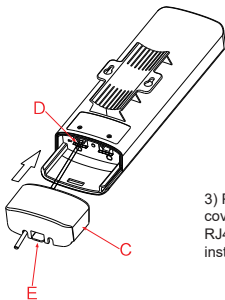
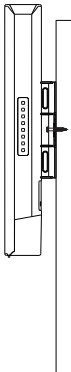
3) Press the fastener E and take off the cover C. Then insert the cable D into the RJ45 port and cover it to finish the installation.

7 Installation Guide for Nail Mount



1) F and G are the nail hole position

2) Fix the main device by two nails properly.

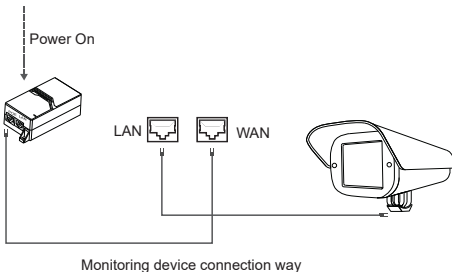
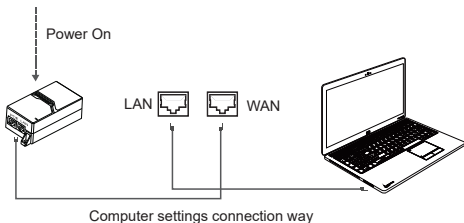


3) Press the fastener E and take off the cover C. Then insert the cable D into the RJ45 port and cover it to finish the installation.

8 Software Settings

1 Attention: Connection way

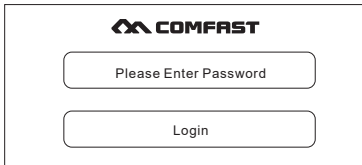
1.1 Before doing settings, we need to accurately know the device' sconnection way. Then we can successfully get into the setting page. As it shown as below, when the device is power on, pls connect POE por twith WAN port of the device and connect LAN port of the device with the computer. (After setting the working mode on the computer, if we want to connect with the camera, we need to connect the LAN port of the device with the camera.)



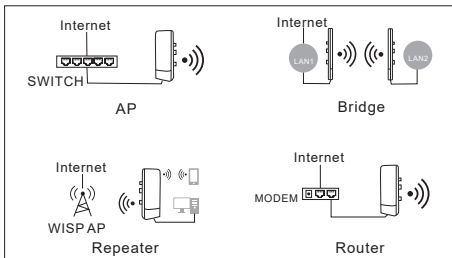
2 Four Working Modes

2.1 Make sure the connection way is correct at first. Open the browser and input 192.168.10.1 to get into the login page. Input defaulted password "admin" to get into the setting page. Then choose "Wizard" to do the four working modes setting.

(Note: Google browser recommended)



2.2 The device have four working modes, and you can set any one of working modes according to project need, Classic case: If you want to realize the transmission from A place to B place for the monitoring project, it needs two devices at least: One is used to transmit and another one is used to receive.



Scene: Bridge

① ————— ② ————— ③ ————— ✓

Lan Settings Bridge Settings Wireless Settings Finish

Lan Settings

IP Address

Can Not Conflict With The Superior IP

Subnet Mask

Gateway

DNS

Next

4.2 Select "Access Point" and get into the "LAN settings".

Scan Result

Refresh

NO.	BSSID	SSID	Channel	Operate
40-A5-EF-B1-2B-05		unknown	1	
54-A6-19-03-D9-4C		CharaNet-eSrvV	1	
40-A5-EF-E4-E8-31		unknown	1	
40-A5-EF-B4-95-39		COMFAST_WIFI	1	
40-A5-EF-E4-DE-96		COMFAST_MESH	1	
40-A5-EF-E4-95-3C		unknown	1	
40-A5-EF-E4-DE-94		unknown	1	

4.3 Click "Next" and check the related parameters. Then adjust the transmitting distance by the project needs and click "Next" to finish settings.

Scene: Bridge

① ————— ② ————— ③ ————— ✓

Lan Settings Bridge Settings Wireless Settings Finish

Wireless Settings

Wireless Status

Local SSID

Password

Power

Prev Next

5 Repeater Mode

5.1 Choose "Repeater Mode" and get into Lan Settings.

Scene: Repeater

① ————— ② ————— ③ ————— ✓

Lan Settings Repeater Settings Wireless Settings Finish

Lan Settings

IP Address

Subnet Mask

Next

5.2 Click "Scan" to select available SSID and input password.

Scan Result

Refresh

NO.	BSSID	SSID	Channel	Operate
40:AS:EF:B1:2B:05	unknown		1	
54:A6:19:03:D6:4C	ChinaNet-e6eV		1	
40:AS:EF:E4:5E:31	unknown		1	
40:AS:EF:E4:95:39	COMFAST_WIFI		1	
40:AS:EF:E4:DE:66	COMFAST_MESH		1	
40:AS:EF:E4:95:3C	unknown		1	
40:AS:EF:E4:DE:64	unknown		1	

5.3 Set up the SSID and password in wireless settings. Then click "Next" to finish settings.

Scene: Repeater

① ————— ② ————— ③ ————— ✓

Lan Settings Repeater Settings Wireless Settings Finish

Wireless Settings

Wireless Status

Local SSID

Password

Power

Prev Next

6 Router Mode

6.1 Select "Router" on Wizard to set up WAN settings and LAN settings. There are 3 ways to surf the Internet, and pls choose the right one accordingly. We take "PPPOE" for an example, and just input the User name and Password accordingly.

Scene: Router ① ————— ② ————— ✓

Network Setup Wireless Settings Finish

Wan Settings

☐ PPPoE ☐ Static ☒ DHCP

IP Address

Subnet Mask

Gateway

DNS

Lan Settings

IP Address

Subnet Mask

Next

6.2 Set up the SSID and password in wireless settings. Then click "Next" to finish settings.

Scene: Router ① ————— ② ————— ✓

Network Setup Wireless Settings Finish

Wireless Settings

Local SSID

Password

Bandwidth ▼

Country ▼

Channel ▼

Prev Next

In the same device, different working modes provides perfect solution for different projects needs. So pls set up the mode by the project need, Below we will introduce the basic setting way of four working modes.

3 AP Mode

3.1 Choose "AP Mode" in "setup guide" and go into device AP mode's "network settings"

The screenshot shows a setup screen for AP Mode. At the top, there is a progress bar with three steps: 1. Lan Settings, 2. Wireless Settings, and 3. Finish. Step 1 is currently selected. Below the progress bar, the 'Lan Settings' section is active, showing two input fields: 'IP Address' with the value '192.168.10.1' and 'Subnet Mask' with the value '255.255.255.0'. A 'Next' button is located at the bottom right of the settings area.

3.2 After the network settings, enter this device's SSID and password, click "Next" and finish the AP mode settings.

The screenshot shows the 'Wireless Settings' screen in the AP Mode setup. The progress bar at the top shows step 2, 'Wireless Settings', is selected. The settings include: 'Local SSID' (COMFAST_332213), 'Password' (8-32 Characters), 'Bandwidth' (20MHZ), 'Country' (China), 'Channel' (auto), and 'Power' (100%). Each of these settings has a dropdown arrow to its right. At the bottom, there is a 'Launch Range' slider set to 2KM. 'Prev' and 'Next' buttons are at the bottom right.

4 Site Mode

4.1 Choose "Site Mode" in "setup guide" and go into device Site mode's "network settings"

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Product specifications and information mentioned in this manual are for reference on subject to updates without notice. Unless there are other special agreed, this manual is used only as a user guide. All statements.

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FCC Statement

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.
- Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.