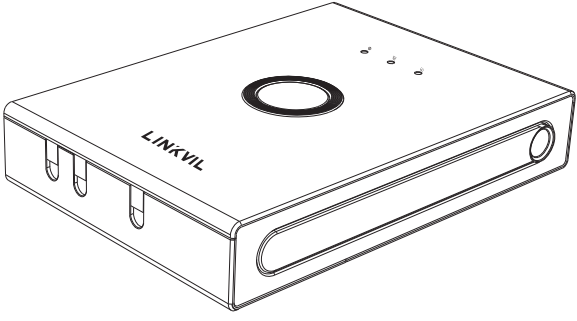
LINKVIL

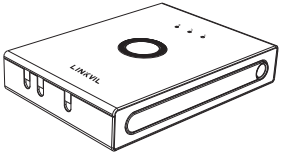
V1.0

Wireless Base Station
Quick Installation Guide



W710H

Packaging list



Base station



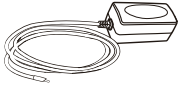
PA3*8mm Screw*1



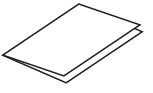
PA4*30mm Screw*2



Screw Fixing Seat*2

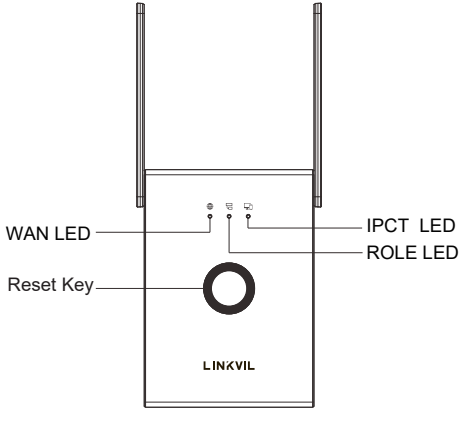


Power Adapter(optional)



Quick Installation Guide

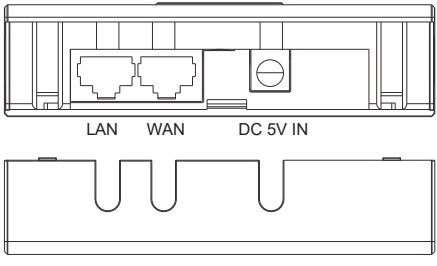
Panel



Status indicator

Lights indicator	Description	Function		
WAN LED	Indicates the WAN connection status	On: Successfully connected to the network	Off: No network cable inserted	Flash: Network anomalies such as IP conflict or failure to obtain IP
ROLE LED	Indicates the device role	On: Device works as Manager	Flash: Device works as Base	
IPCT LED	Indicates the connection status between Base and Manager	On: Base successfully connected to Manager	Off: Base not connected to Manager	Flash: There are active calls in the system

Device ports



Ports	Interface	Function
Power	DC 5V IN	Connecting to a power source to the DC Jack.
Network	WAN	Connecting to the network.
	LAN	Connecting to the IP Phone.

Device connection

Step 1: Prepare before installation

1. Voltage check

- Check whether the voltage of DC power supply or external power supply is within the working range of this product (5V/1A).

2. Adjust the antenna (Figure 1)

- Press the heads of the antennas at both ends of the device (marked with red lines) with slightly, the antennas will automatically pop out, and then rotate the two antennas clockwise to the desired angle (the maximum rotatable angle is 190°).

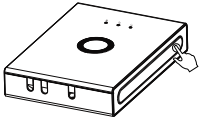


Figure 1-a

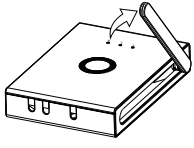


Figure 1-b

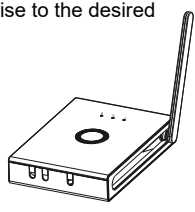


Figure 1-c

3. Open the back cover (Figure 2)

- Follow the arrows to slide down to open the back cover.

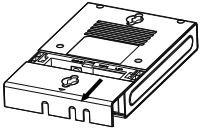


Figure 2-a

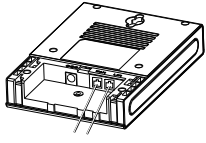


Figure 2-b

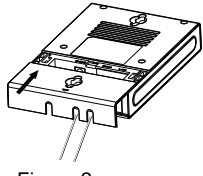


Figure 2-c

Step 2: Connect your device, please follow the steps below:

1. Insert the ethernet cable into the WAN port of the device and connect the other end of the ethernet cable to an uplink port (a router or a modem, etc.)
2. Insert the power adapter into the device and connect it to a wall outlet.
3. The WAN LED will be solidly lit when the device and network is ready for use.

Step 3: Wall mounting
1. Close the back cover of the device after plugging in the cable, and punch the PA3*8mm Screw into the hole in the back cover (Figure 3)

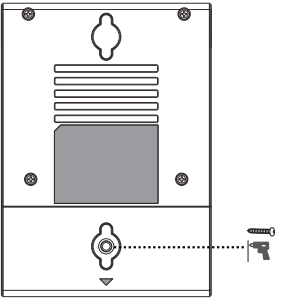


Figure 3

2. Wall mounting can be achieved by hanging the equipment on a screw suitable for the size and distance of the two holes above and below the back shell

Obtaining the IP address

Obtain the IP address through the scanning tool

1. Download the scanning tool: Go to Fanvil's official website in a web browser, select Support > Download Center > Tools > IPScanner, Select DeviceManager Latest version and download.
2. Open the IP scanning tool, click Rescan, search and find the IP address of your device.
3. Login webpage: Input the IP address in the web browser (The default username and password are both 'admin').

Switch Work Role

1. Enter the IP address of your device in your browser.
2. Select Manager in the left navigation window, change the value of Work Role.When it is Base Mode, you can switch to Manager Mode, and when it is Manager Mode, you can switch to Base Mode.

Set Country/Region

Navigate to the Manager webpage > Network > Connection Settings, Select the Country/Region where the device is located, then Apply. Note that the IPCT System can only work when the Country/Region are correct.

Single-Cell System

Enable Manager mode
1. Enter the IP address of your device in your browser.
2. When the device is in Base mode, navigate to Base Management and select the Work Role as Manager, then Apply.

Add a terminal
1. Navigate to the Manager webpage > Handset > Maintenance, Click Add and config Device MAC, Name, and Authorized To Access to add the terminal.
2. Then the terminal can connect to the Manager when it is within the signal range of the Manager.

Multi-Cell System

Enable Manager mode
1. Enter the IP address of your device in your browser.
2. When the device is in Base mode, navigate to Base Management and select the Work Role as Manager, then Apply.

Base networked with Manager
The networking steps between Manager and Base vary depending on the usage scenario.
1. Base and Manager are on the same LAN
1.1 Navigate to the Manager webpage> Manager> Base Management, viewing the Base in the Local Area Network in the Scan Base List.
1.2 Select Base, click the Add button or "Add to Manager" in the operation, and the Base will be successfully networked with the Manager.
2. Base and Manager are on different LAN
2.1 Navigate to the Base webpage > Base > Settings, and set the Manager IP, then Apply.
2.2 After setting the Manager IP in Base, it can be displayed in the Scan Base List of Manager webpage.

2.3 Add the Base according to the method in step 1.
3. When the Base is not online, add the Base in advance
3.1 Navigate to the Manager webpage> Manager> Base Management, click the Add or Import button, set the Base Name and Base MAC, and add or import the Base list.
3.2 After the Base is online, it automatically network with Manager.

Add a terminal
1. Enter the IP address of your Manager in your browser.
2. Navigate to the Manager webpage > Handset > Maintenance, Click Add and config Device MAC Name, and Authorized To Access to add the terminal.
3. Then the terminal can connect to the Manager when it is within the signal range of the Manager/Base.

Device management

Device management
Once the terminal successfully connects to the Manager/ Base, administrators can perform information management and operations on the terminal in the"W710H-Manager" >> "Handset" page, including:
1. View terminal information
Administrators can view the terminal's Online Status,MAC Address, Extension, SIP account, Name, Model, Software Version, and the current connected Base.
2. Operate the terminal
Administrators can perform operations such as rebooting, upgrading, managing configurations, and managing SIP accounts on the terminal.

Add SIP Account

Administrators can perform operations such as adding/ deleting/editing SIP accounts for the terminal. Specific operations are as follows:
1. Adding SIP Server:
Access the Manager webpage > SIP Account > SIP Server, click Add button to add a SIP server. Manually set the information for the SIP server, such as Name, Realm, Server Address, and Server Port provided by the SIP server administrator.
2. Adding SIP Account:
2.1 Manually Adding a Single SIP Account:
Access the Manager webpage > SIP Account > SIP Account, click Add button to add a SIP Account. Manually set the information for the SIP account, such as SIP Account Name, Server Name, User Number, Authentication User, Authentication Password and etc.,which provided by the SIP server administrator.

2.2 Bulk Import of SIP Accounts:
Access the Manager webpage > SIP Account > SIP Account, click "Export" to export the template.
After editing the template to add SIP accounts, click "Import" to import the SIP account list.
Please note that the imported template must be in UTF-8 encoding.

Factory data reset

Restore factory Settings by pressing keys： Long press the Reset button for about 10 seconds, and the device will automatically restore factory Settings.

Regulatory Compliance
Federal Communication Commission (FCC) — USA
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
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.

FCC RF Exposure Warning Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

Responsible Party:
Company name:EMCTEK
Address:11788 Big Canyon Ln, San Diego, CA 92131 USA
Tel:+1 858 401 9073