

# YEACOMM P11K User Manual

Thank you for choosing Yeacomm YF-P11K 4G wireless router Wifi Kit, please read and keep the user manual carefully.

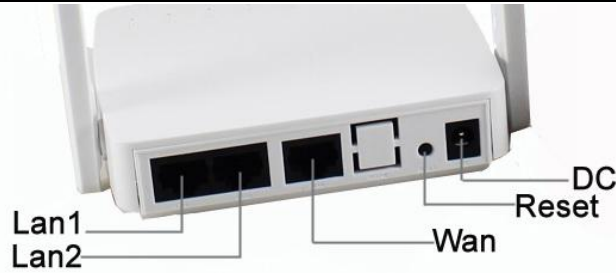
## 1. Main Technology Parameters

- Working temps : -30°C -- +60°C
- Relative humidity: 5%--95%
- Working frequency :  
 LTE: B1/2/3/5/7/8/20/38/40  
 LTE: B1/2/3/5/7/8/28/38/39/40/41(Optional)
- Power supply : input AC :100V~240V, 50Hz~60Hz  
 Output DC: 15V, 1000mA
- Size: 252mm\*112mm\*58mm (Outdoor Unit)  
 105mm\* 95mm\*20mm (Indoor AP)
- Rate of uplink and downlink: LTE(Cat 4) 150Mbps/DL ;  
 50Mbps/UL

## 2. Product Interface and Indicator

### 2.1 Product interface

#### 2.1.1 Outdoor router interface introduction



### 2.2 Indicator

#### 2.2.1 Outdoor unit indicator

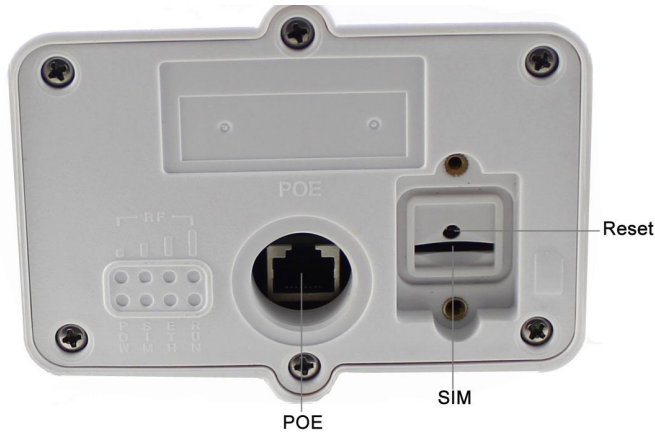
Type	Status	Description
RF	All off	no signal (the signal status can be checked in the terminal configuration page)
	One on	Signal is poor
	Two on	Signal is moderate
	Three on	Signal is good
	All on	Signal is very good
SYS	Off	Power abnormal, the router power off
	On	Power normal, the router power on
SIM	Off	No SIM or can not detect SIM card
	On	Device read the SIM normally
ETH	Off	Device doesn't connect to PC
	On	Device connects to PC
RUN	Off	Device is not running
	On	Device is running

#### 2.2.2 Indoor unit indicator



Indicator type	status	Description (from left to right )
POWER	Off	Power abnormal, the router power off
	On	Power normal, the router power on
SIGNAL	Off	no signal (the signal status can be checked in the terminal configuration page)
	Red	The signal is poor
	Yellow	Signal is moderate
	Green	Signal is good

#### 2.1.2 Indoor AP interface introduction



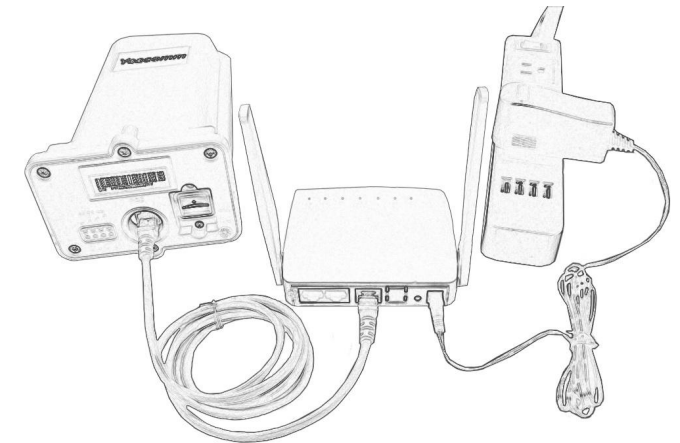
WLAN	Off	WiFi off
	Flicker	WiFi on and has data transmission
DATA	Off	Outdoor unit do not connect with indoor unit .
	On	Outdoor unit connects with indoor unit .
WAN	Off	Outdoor unit does not connect with indoor unit .
	Light	Outdoor unit connects with indoor unit
LAN1/ LAN2	Off	Do not connect with PC
	Light	Connect with PC correctly

## 3. Installation

3.1 Insert the sim card as below. When you hear a clicking sound, it means that the USIM card has been installed successfully.



3.2 Connect the wan port of the indoor AP to the outdoor cpe router's POE port by Cate5e cable.



3.3 Place the outdoor unit outside in open space, the front panel face to the base station. Make sure the unit is fixed well.

3.4 Power on the device, the system will automatically runs in 1~2 minutes.

Attention:

- 1) Do not insert the SIM card or remove it if power is connected to the device.
- 2) Please use the power adapter that came with the device.

## 4. Quick Config Guide

Connect your PC/Laptop/Mobile to the router via Ethernet port or WIFI. The router supports Windows XP, Windows 7/8/10, MAC OS, Linux, Android and so on.

Regarding the router's SSID and WIFI password information, pls see it in the indoor AP's sticker. No matter what way to connect, please make sure to set the mode: obtain IP address automatically.

### First Step:

Input CPE IP address(192.168.0.1) into the browser, press "enter" to access CPE home page.



### Second step:

- ✧ If the router auto recognize the APN and already connect to internet, then you do not need to add APN info.
- ✧ If the router does not recognize the APN, then you need to add APN manually. Pls select Device Settings--WAN Settings--APN, fill in the APN info. Pls make sure the APN setting is correct. Incorrect APN will cause internet connection failed.

**Edit (Add) APN Profile** Turned-off

Profile Name:

APN:

User Name:

Password:

Authentication Type: None ▼

## 5. Router Setting

If the device works fine, you'd better not change the parameter or other function. If you changed it and cannot access Internet or have poor experience, please press and hold the reset button for more than 7 seconds to restore the factory settings.

Menu 1	Menu 2	Description
System status	Home gateway information status	Router running status info, such as running hours, LTE network, SIM, WAN, LAN, WLAN info
	Online terminal status	Current terminal connections, MAC, IP
	Traffic Statistics	Traffic statistics
	Version info	Check the router's software and hardware version number.
	LTE info	Check LTE details info, including frequency, cell, RSRP, SINR, RSRQ etc.
Device Setting	WAN Setting	Network selection: Auto, 4G Prefer, 4G Only, 3G Prefer, 3G Only, etc. APN Setting IPV4 / IPV6: Set router IP stack support model. The default setting is

		IPV4 / IPV6 dual stack. PIN, MTU, DNS Settings
	WLAN Setting	Enable and disable wifi. View and change WiFi SSID, password, encryption and channels
	DHCP	DHCP: Set the router's DHCP info and IP info. Once turn off the DHCP, the user has to set IP manually, and it can not obtain the IP automatically. Keep address
	IPV6 set	IPV6 address allocation, PNAT function.
SMS function	New message	Creating a new message
	Inbox	Inbox
	Draft	Draft
	Sent	Sent
Firewall	Filtering Rules	Ports filtering, IP address filtering, URL Filtering, MAC binding,
	Speed limit	IP speed limit
System management	System setting	Change password, username, device reboot settings and runtime.
	System log	Check system work log
	Reboot	Support reset router
	System update	Update the firmware
	Module update	LTE module software update
	Config update	Update router system setting
	Restart device	User can restart router