YF-P11K 4G LTE CPE WIFI KIT

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Overview

Yeacomm 4G WIFI KIT is divided into two parts (an outdoor LTE unit with sim card slot and an indoor unit with WIFI function.)

The outdoor unit designed with built-in high gain antenna to achieve LTE signal amplification. The water-proof and lightning-proof casing helps the unit to be good used at outdoors.

The indoor unit is placed in the room. It is just like a normal wireless router with 2 Lan ports and WIFI.

These 2 parts connected By Category 5 cable. The indoor unit supply power to the outdoor unit through POE, while the indoor unit provides two Ethernet ports and WIFI signal.

Picture:

Outdoor unit+ indoor wifi AP

Outdoor unit

Cellular Specification	

Frequency	LTE: B1/B2/B3/B7/B8/B20/B28/B38/B40/B41
	       B1/B2/B3/B5/B7/B8/B28/B38/B40/B41 (Optional)
	       B1/B2/B3/B5/B7/B8/B20/B38/B40/B41 (Optional)
	
	WCDMA: 900/1900/2100Mhz, 850/900/1900/2100Mhz(Optional)
	GSM: 850/900/1800/1900Mhz
	Frequency can be customized according to your requirements

Speed(CAT4) Max	FDD - LTE Downlink：150Mbps， Uplink：50Mbps TDD-LTE: Downlink：150Mbps， Uplink：50Mbps HSPA+: 42Mbps(download speed) 5.76Mbps(upload speed) HSUPA: 5.76Mbps (upload speed)/ HSDPA: 7.2Mbps(download speed:) UMTS:384Kbps (download speed/upload speed)

Mainboard	
Host	ARM Cortex A53
Flash	512MB
RAM	256MB
4G module	Embedded

Functions

TR-069	CPE WAN Management Protocol
DDNS	Support
Upnp	Support
NAT	Support
DHCP	Support
SMS Function	Support
VPN	Support L2TP

Firewall	Files filter
	Address filter
	Virtual Server
	System Security
	DMZ Settings
	Remote management
System management	Upload、NTP Settings

Interface type

Item	Content
Lan	1 x 10/100 Mbps Ethernet port(RJ45),
Indicator	"Power", "Sim", "ETH", "Run" and "Signal"
Antenna	Cellular: high gain Internal Omni Antenna **5DBi** high gain Internal Directonal Antenna **8DBi** (Optional)
SIM/UIM	Standard 3V/1.8V user card interface, 15KV ESD protection
Power	POE , through RJ45 port
Reset	Restore the router to its original factory default settings

Power supply

Item	Content
Standard Power	Input：100V~240V, 50Hz~60Hz Output:15V DC±10% Output: 500mA
Power Range	5V---18V

Physical Characteristics

Working temperature	-30～60℃
Storage temperature	-40～85℃
Humidity	≤95％
Dimension	252 x 112 x 58mm
weight	about 560g
Water proof and dust proof	IP66

Indoor unit

Interface type	
Wan	1 x 10/100 Mbps wan port(RJ45)
Lan	2 x 10/100 Mbps Ethernet port(RJ45)
Antenna	2 x WIFI antenna
Power	1 x DC power adapter , DC15V/1A
Reset	Restore the router to its original factory default setting

Physical	
Housing	Plastic
Dimensions	105mm x 95mm x 20mm
Weight	125g