

YF-P25 4g LTE indoor CPE specification



Yifan Industry Co., Ltd

Room618, No.12 Gaodian Road, HuLi

District, Xiamen, Fujian, China

Tel:+86 592 6101492

Fax:+86 592 5222813

Email: admin@yifanwireless.com

1. Overview

As a high-performance LTE CPE device, the YF-P25 enables home office (SOHO) users to get access to wireless and wired networks

The YF-P25 can work in any of the following network standards:

- Frequency Division Duplex (FDD)
- Time Division Duplex(TDD)
- Dual Carrier High Speed Packet Access Plus (DC-HSPA+)
- High Speed Packet Access Plus (HSPA+)
- High Speed Uplink Packet Access (HSUPA)
- High Speed Downlink Packet Access (HSDPA)
- Universal Mobile Telecommunications System (UMTS)
- Enhanced Data Rates for Global Evolution (EDGE)
- General Packet Radio Service (GPRS)
- Global System for Mobile Communications (GSM)

The YF-P25 provides the following services and functions :

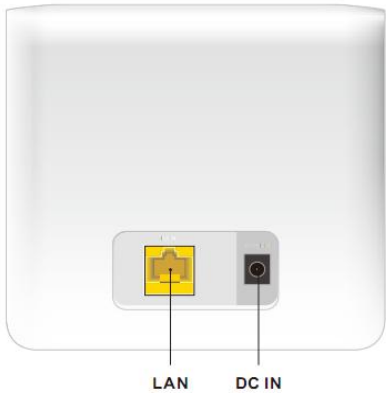
- Support 3GPP Release 9/10 compliant
- Support 1TX/2RX
- external antenna
- Support UE Category 3/4
- Supports QoS service flow initiated by CPE
- Supports Dynamic Host Configuration Protocol
- Built-in web server for web-based configuration
- Password protected access and configuration
- Supports IEEE 802.3, IEEE 802.3u
- USIM Slot

YF-P25 appearance :



2. Technical Specifications

2.1 Hardware specifications

Item	Description	
Technical standards	WAN: LTE/DC-HSPA+/HSPA+/HSPA/UMTS/EDGE/GPRS/GSM	
	WLAN: 802.11b/g/n	
Working bands	FDD: Band1/2/3/5/7/8/17/20(band1/2/3/5/8/28 optional) TDD: Band38/39/40/41 WCDMA:850/900/1900/2100Mhz GSM:850/900/1800/1900mhz The frequencies could be customized for quantity order	
Speed	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) (it is cat4)	
Wifi	WIFI Standard	IEEE 802.11b/g/n
	WIFI Rate	Highest rate: 300Mbps
	RF power	17dBm(Max) in 11b mode 17dBm(Max) in 11g mode 16dBm(Max) in 11n mode/chain
	Wifi users	Max up to 32 users
Interface	1*RJ45 port	
	1*sim card slot	
	<div style="text-align: center;"> <p>DORSAL VIEW</p>  <p>LAN DC IN</p> </div>	

LED		
	<p>3GPP Release 9/10</p> <p>UE Cat 4</p> <p>2x2 MIMO</p>	
Physical Size	dimension	120x115x45(mm)
	Weight	250g
Temperature	Working temperature	0~60℃
	Storage temperature	-20~85℃

2.2 Software Specification

NAT	Supports NAT and Network Address and Port Translation (NAPT)
	Supports fragmented message identification during common NAT
DHCP Server	Enables and disables the DHCP server
	Configures DHCP server address pools
	Sets the lease time.
	Displays the status of the DHCP server address pools, including host names, Media Access Control (MAC) addresses, IP addresses, and remaining lease time
Firewall	Enables and disables the firewall.
	Filters LAN MAC addresses
	Filters LAN IP addresses.
	Filters URLs.
	Supports port Mapping
	Supports demilitarized zone (DMZ).
	Supports Universal Plug and Play (UPnP).
	Speed limit
SMS	Read, write, send SMS
MAC address authentication	Supports the MAC address authentication whitelist.
	Supports the MAC address authentication blacklist.
TR069	Support
Frequency locking	Support

Working mode	3g/4g
	3g only
	4g only
Remote upgrade	Support
Wifi security	Open (Unsecure)
	WEP 64 – 5 ASCII characters or 10 HEXcharacters
	WEP 128 – 13 ASCII characters or 26 HEXcharacters
	WPA Personal / PSK (TKIP) – ASCII string, 8 to 63 characters in length

3.Packing List

Item	Quantity
4g mobile CPE	1
RJ45 Cable	1
Power adapter	1