GPON/XPON ONT
XPON ONT , 1GE+3FE+WIFI

FOCOMM

FEATURE

- Support EPON and GPON
- Support ONU auto-discovery/Link detection/remote upgrade
  of software
- WAN connections support Route and Bridge mode
- Route mode supports PPPoE/DHCP/ static IP
- Support QoS and DBA
- Support port Isolation and port vlan configuration
- Support Firewall function and IGMP snooping multicast feature
- Support LAN IP and DHCP Server configuration;
- Support Port Forwarding and Loop-Detect
- Support TR069 remote configuration and maintenance
- Specialized design for system breakdown prevention to
  maintain stable system

OVERVIEW

FO-414W ONT is designed as HGU (Home Gateway Unit) .The carrier-class FTTH application provides data service access.It supplies one 10/100/1000M RJ45 port, three 10/100M RJ45 ports, and support wifi.

FO-414W is based on mature and stable, cost-effective XPON technology. It supports both GPON and EPON OLTs.

FO-414W series adopts high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance of the module of China Telecom EPON CTC3,0 and GPON Standard of ITU-TG.984.X 1G3F+WIFI series is designed by ZTE chipset

SPECIFICATION

Technical items	Description
Mainchip	ZTE
Uplink PON interface	1 GPON interface, SC single-mode/single-fibre, uplink 1.25Gbps, downlink 2.5Gbps
LAN interface	1* 10/100/1000Mbps 3* 10/100Mbps auto adaptive Ethernet interfaces. Full/Half, RJ45 connector
Wavelength	Tx 1310nm, Rx 1490nm
Data TX output	-1dBm to 4dBm @ 1310nm
Optical RX sensitivity	< -26dBm @ 1490nm
Optical interface	SC/PC
Wireless	Compliant with IEEE802.11b/g/n, Operating frequency: 2.400-2.4835GHz support MIMO, rate up to 300Mbps, Support: Multiple SSID Channel: Auto Modulation type: DSSS, CCK and OFDM Encoding scheme: BPSK, QPSK, 16QAM and 64QAM
Operating Condition	Temperature: 0℃~+50℃ Humidity: 10% ~ 90% non-condensing
Storing Condition	Temperature: -30 ~+60 Humidity: 10%~90% non-condensing

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WORKING ENVIRONMENT

Parameter	Specification
Power	DC12V
Power consumption	≤ 6W
Operating temperature	-10—50 ℃
Storage temperature	-40—70 ℃
Humidity	5%～90% non-condensing
Dimension	35mm*146mm*105mm
Net weight	0.2Kg

ORDER INFOMATION

PRODUCT	PART NUMBER
XPON ONT , 1GE+3FE+WIFI	FO-414W