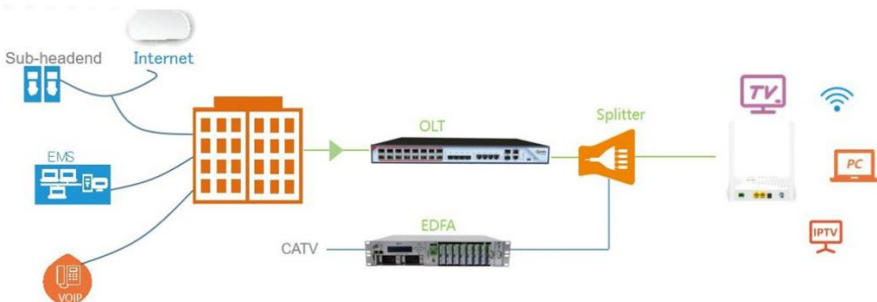


# SUPREME



## BRIEF VIEWS

FD514GD-R460 is an indoor fiber broadband access terminal. The device provides one GPON / EPON adaptive optical port and supports XPON mode. It can be used in connection with our company FD16 series GPON OLT or FD11 / 12 series EPON OLT. It can also interconnect with the mainstream manufacture (Huawei / ZTE / Fiberhome) GPON or EPON OLT to provide users with Internet and WIFI services based on GPON and EPON technology.



# **SUPREME**



## FUNCTIONALFEATURE

- In compliant with IEEE802.3ah and ITU - T G.984 standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support SN and LOID+Password multiple registration methods
- Support port VLAN configuration
- Support port-based rate limitation and bandwidth control
- Support MAC address learning
- Support MAC address learning account limit
- Support VLAN transparent/tag/translate/trunk
- Support remote CATV port management
- 
- 
- Support broadcasting storm resistance function
- Support igmp transparent/snooping/proxy mode
- Support Dynamic Bandwidth Allocation (DBA)
- Support AES encryption and decryption
- EMS network management based on SNMP ,convenient for maintenance
- Support power-off alarm function ,easy for link problem detection
- Support Firewall
- Support MAC address/URL filter
- Support remote WEB/Telnet access control

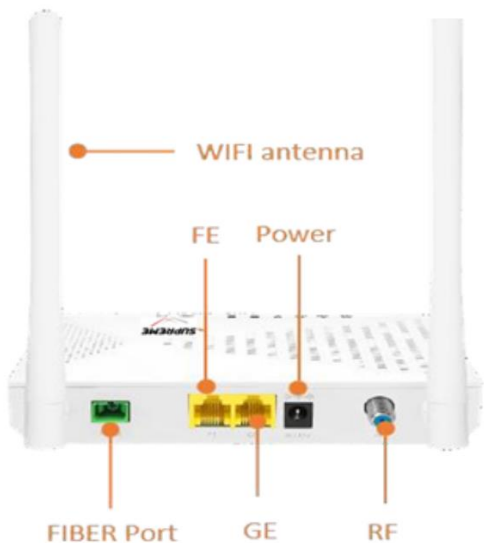
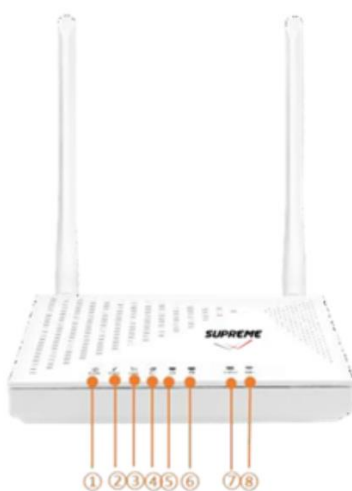
# ONU XPON 1GE+1FE+2\*5 WIFI + RF

SUX1G1F1RW

## SUPREME



### PRODUCT INTERFACE AND LED



# SUPREME



## LED DEFINITIONS

Indicator		Description
PWR	Power status	On: The ONT is power on; Off: The ONT is Power off;
PON	ONT Register	On: Success to register to OLT; Blinking: In process of registering to OLT; Off:Failed to register to OLT or no normal optical signal input;
LOS	PON optical signals	On: Optical power lower than receiver sensitivity; Off: Optical in normal;
LAN	LAN port status	On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection is not set up;
INT	Internet status indicator	On: The routed WAN Internet access service is normal. Off: The routed WAN Internet access service is abnormal.
WIFI	WIFI	Blinking :Data is being transmitted On:WIFI function Opens



### PRODUCT SPECIFICATION

Mechanics	
Dimensions	214mm(L)*139.5mm(W)*32mm (H)
Weight	About 0.228kg
Hardware	
User Port (LAN) Ethernet port Indicators	RJ-45 connector 4 *10/100/1000Mbps adaptive Full/half duplex Auto MDI/MDI-X PWR / PON / LOS / LAN / INT / WIFI
PONT Port Indicators	
PWR / PON / LOS / GE / FE / INT / CATV /WIFI	
<p>PON Mode EPON: 1000BASE-PX20+ symmetric GPON: FSAN G.984.2 standard,Class B+</p> <p>PON Rate EPON: 1.25Gbps downstream/upstream GPON: 2.488Gbps/1.244Gbps downstream/upstream</p> <p>Wavelength Transmit: 1310nm Receiver: 1490nm</p> <p>Receiving sensitivity EPON: -27dBm GPON: -28dBm</p> <p>Saturated power EPON: -3dBm GPON: -8dBm</p> <p>Transmitting power EPON:0~4dBm GPON: 0.5~5dBm</p>	

### SUPREME



#### WiFi performance parameters

IEEE802.11b/g/n(2.4G)  
IEEE802.11a/n/ac(5G)  
Max rate: 300M(2.4G)  
Max rate: 867Mbps(5G)  
MAX TX power 2.4G:17dBm  
MAX TX power5G:17dBm

#### Environment

Working temperature  
0 to 40°C  
Operating humidity  
10% ~ 90% (Non-condensing)

#### Power

External 12VDC/1A power supply adapter  
Power consumption  $\leq 9.7W$

#### Power

Power External 12VDC/1A power supply adapter  
Power consumption  $\leq 7.2W$