

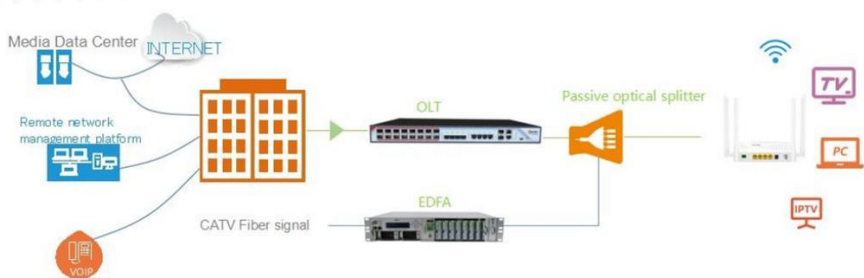
# ONU XPON 4GE+CATV+DUALBAND 2WIFI SUPREME

SUX4G1R2W

## Brief Views



SUX4G1R2W 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, WIFI and CATV services based on GPON and EPON technology.



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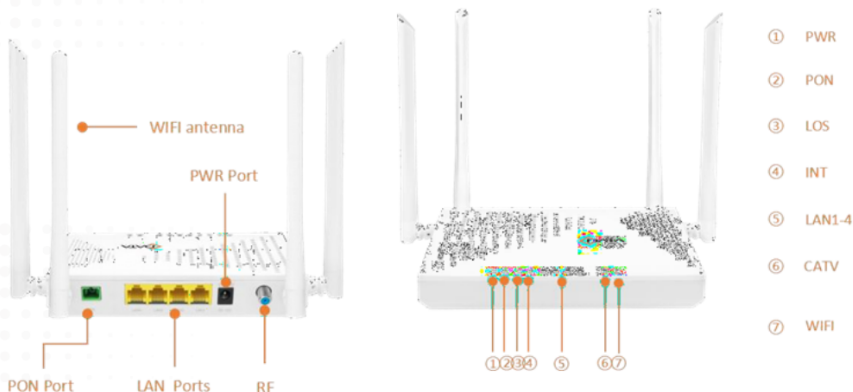
## Functional Feature

**SUPREME**



- Añadir un poquito de texto
- 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 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
- Support remote CATV port management

## Product Interface and LED



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**SUPREME**



## LED Definitions

Indicator		Description
PWR	Power status	On: The ONT is power <u>on</u> ; Off: The ONT is Power off;
PON	ONT Register	On: Success to register to <u>OLT</u> ; Blinking: In process of registering to <u>OLT</u> ; <u>Off:Failed</u> to register to OLT or no normal optical signal input;
LOS	PON optical signals	On: Optical power lower than receiver <u>sensitivity</u> ; Off: Optical in normal;
LAN	LAN port status	On: Ethernet connection is <u>normal</u> ; 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	<u>Blinking</u> :Data is being transmitted <u>On:WIFI</u> function Opens
CATV	CATV status	On: CATV optical normal <u>Off:The</u> CATV signals are not received

## Product Specification

### Mechanics

Dimensions	234*157.5*32mm(with antenna)
Weight	About 0.231kg

### Hardware

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