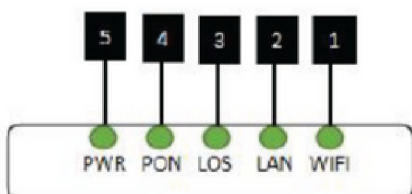# XPON SUX1GW

1GE+ WIFI

SUPREME

DESCRIPTION & VIEWS

SUX1GW data type ONU is one of the GPON optical network unit design to meet the requirement of the broadband access network. It apply in FTTH/FTTO to provide the data, video service based on the GPON network. GPON is the latest generations of access network technology. ITU-T G.984 is the standard protocol of GPON. The GPON standard differs from other PON standards in that it achieves higher bandwidth and higher efficiency using larger, variable-length packets. GPON offers efficient packaging of user traffic, with frame segmentation allowing higher quality of service (QOS) for delay-sensitive video communications traffic. GPON networks provides the reliability and performance expected for business services and provides an attractive way to deliver residential services. GPON enables Fiber To The Home (FTTH) deployments economically resulting to accelerated growth worldwide. have a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking.It fully meets the ITU-T technical standards and have good compatibility with third party OLT.

Integrates wireless function which meets 802.11 a/b/g/n/ technical standards. At the same time, it also supports 2.4GHz single-band wireless signal. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

FUNCTIONAL FEATURE

☐ In compliant with ITU - T G.984.standard
☐ Meet 802.11 a/b/g/n/ WIFI technical standard
☐ Support ONU auto-discovery/Link detection/remote upgrade of software
☐ Support Ethernet line performance statistics function
☐ Support OMCI+TR069 management mode
☐ Support VLAN tag/untag
☐ Support multicast Snooping/Proxy
☐ Support DHCP/PPPOE/Static IP internet mode
☐ Support port binding
☐ Support loop-detection function
☐ Support device-based speed limitation
☐ Support MAC-address filter and URL access control
☐ Support AES encryption and decryption
☐ Support Dynamic Bandwidth Allocation (DBA)
☐ EMS network management based on SNMP ,convenient for maintenance

5	4	3	2	1
PWR	PON	LOS	LAN	WIFI

1	WIFI Status
2	LAN Port Status
3	Optical Signals Status
4	ONU Register Status
5	Power Status

1	DC Power Port
2	LAN Port
3	Optical Port
4	Antenna