

1GE+1POTS XPON ONU

S-XPON-1010-ONT



Product Overview:

S-XPON-1010-ONT (1GE+1POTS XPON HGU) terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators. This box is based on the mature Chipset (Realtek) technology, which have high speed performance, and the technology of Layer 2/3, and high quality VoIP as well. Support full management of HGU devices through Secureye OLT. They are highly reliable and easy to maintain, with guaranteed QoS for different service. And they are fully compliant with technical regulations such as ITU-T G.984.x.

FEATURES:

- Detect and exchange PON mode automatically
- Can be used in a wide temperature environment
- IPv4/IPv6 Stack
- Support SIP protocol
- Powerful firewall function

Specifications		S-XPON-1010-ONT
Interface Parameter	PON interface	1XPON port(EPON PX20+ and GPON Class B+) SC Single Modem, SC/UPC connector TX optical power: 0 ~ +4dBm RX sensitivity: -8 to -25 dBm Transmission distance: 20KM RX 2.488Gbps, TX 1.2488Gbps Wavelength: Tx 1310nm, Rx1490nm
	User interface	1*GE, Auto-negotiation,RJ45 ports 1*POTS RJ45 Connector
Functional Parameter	Management	OAM/OMCI, Telnet, WEB, TR069 Support full management of HGU functions by Secureye OLT
	Internet connection	Support Bridge, Route and Bridge/Route mixed mode
	Multicast	Support IGMP v1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping
	VLAN	Support VLAN tag mode Support VLAN trunk mode Support VLAN translation
	Data functions	Full speed non-blocking switching 2K MAC address table 4K VLAN ID Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc Support auto polarity detection of Ethernet ports (AUTO MDIX) Integrated IEEE802.1p QoS with four level priority queues Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy
	VoIP	SIP and IMS SIP G.711a/G.711u/G.722/G.729 Codec Echo cancellation,VAD/CNG,DTMF Relay T.30/T.38 FAX Caller Identification / Call Waiting / Call Forwarding / Call Transfer / Call Hold / 3-way Conference

	Line testing according to GR-909
QoS	Support 4 queues Support SP and WRR Support 802.1P and DSCP
L3	Support IPv4, IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Static Support Static route Support DHCP Server Support NAT/DMZ/DDNS Support Virtual Server
Security	Support Firewall Support Mac filter Based on MAC or URL Support ACL
Hardware Parameter	Operating condition Operating temp: 0 ~ +55°C Operating humidity: 10~90% (non-condensed)
	Storing condition Storing temp: -30 ~ +60°C Storing humidity: 10 ~ 90% (non-condensed)
	Power adapter DC 12V/1A, external AC-DC power adaptor
	Power supply ≤10W
	Interface 1GE+1POTS
	Indicators PWR, PON, LOS, WAN, LAN, PHONE

