**Model**: S-XPON-4010-WDONTA (4GE+1POTS+1USB3.0+AC Wi-Fi)

**Description**: AC1200 Dualband XPON ONT

**Product Overview:**

S-XPON-4010-WDONTA terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators. This ONT based on the mature Chipset technology, which have high ratio of performance to price, and the technology of IEEE802.11b/g/n/ac WiFi, 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 IEEE802.3ah and ITU-T G.984.x.

**Management**

* EPON :OAM / WEB / TR069 / Telnet
* GPON:OMCI / WEB / TR069 / Telnet

**Register**

* Auto-discovery/Link detection/Remote upgrade software
* Auto/MAC/SN/LOID+Password authentication

**Layer 3**

* IPv4/IPv6 Dual Stack
* NAT
* DHCP client/server
* PPPOE client/ Passthrough
* Static and dynamic routing

**Switch**

* MAC address learning
* MAC address learning account limit
* Port isolation
* Broadcast storm suppression
* VLAN transparent/tag/translate/trunk

**Security**

* Firewall
* MAC address/URL filter
* Remote WEB/Telnet access control

**Technical Specification**:

|  |  |
| --- | --- |
| **Hardware Parameter** | |
| Dimension | 205mm×140mm×37mm(L×W×H) |
| Net weight | 0.32Kg |
| Operating condition | Operating temp:0 ~ +55°C Operating humidity:5 ~ 90% (non-condensed) |
| Storing condition | Storing temp: -30 ~ +60°C Storing humidity: 5 ~ 90% (non-condensed) |
| Power adapter | DC 12V,1.5A, external AC-DC power adaptor |
| Power supply | ≤10W |
| Interface | 4GE+1POTS+USB3.0+AC Wi-Fi |
| Indicators | PWR,PON ,LOS,WAN,WiFi,FXS, ETH1~4,WPS,USB |
| **Interface parameter** | |
| UNI | • 1×SC/UPC for XPON • 4×RJ45 for GE interface • 1×RJ11 for VoIP |
| PON Interface | • 1 XPON port(EPON PX20+ and GPON Class B+) • SC Single Mode，Receiving sensitivity: ≤ -28dBm • TX optical power: 0～+4dBm • RX optical power: -8 to -25 dBm • Transmission distance: 20KM • RX 2.488Gbps, TX 1.2488Gbps |
| Wavelength | Tx-1310nm, Rx-1490nm |
| Antenna | 4 ×5dBi external antennas |
| USB | 1×USB 3.0 for Shared Storage/Printer |
| **Function Data** | |
| Management | • WEB/TELNET/OAM/OMCI/TR069 • Support private OAM/OMCI protocol and Unified network management of Secureye OLT |
| Internet connection | Support Routing & Bridge Mode |
| Multicast | IGMP v1/v2/v3, IGMP snooping |
| VoIP | • SIP and IMS SIP • Codec∶ G.711/G.723/G.726/G.729 codec • Echo cancellation,VAD/CNG,DTMF • T.30/T.38 FAX • Caller Identification/Call Waiting/Call Forwarding/Call Transfer/Call Hold/3-way Conference • Line testing according to GR-909 |
| WIFI | 2.4GHz: 300Mbps & 5GHz: 867Mbps IEEE 802.11a/n/ac Wi-Fi@ 5GHz(2x2) IEEE 802.11b/g/n Wi-Fi@2.4GHz(2x2) Multiple SSIDs for each band WEP/WPA-PSK(TKIP)/WPA2-PSK(AES) Security |
| L2 | 802.1D&802.1ad bridge, 802.1p Cos, 802.1Q VLAN |
| L3 | IPv4/IPv6, DHCP Client/Server,PPPoE, NAT,DMZ, DDNS |
| Firewall | Anti-DDOS, Filtering Based on ACL/MAC/URL |

