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FTTH XPON ONT
Wireless 1200 AC

ST-XP138

Product Overview

4GE+1POTS+2USB+WiFi5 XPON ONT terminal device is designed for fulfilling FTTH and triple play service demand of fixed network operators. These boxes are based on the mature Chipset (Realtek) 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. 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, ITU-T G.984.x and technical requirement of leading GPON Equipment.

Key Features

- XPON Dual Mode
- Plug and play,auto-detecting, auto-configuration
- 802.11n/ac dual band WiFi
- Support full management of ONT devices
- Support guaranteed QoS
- Support IPv4/IPv6

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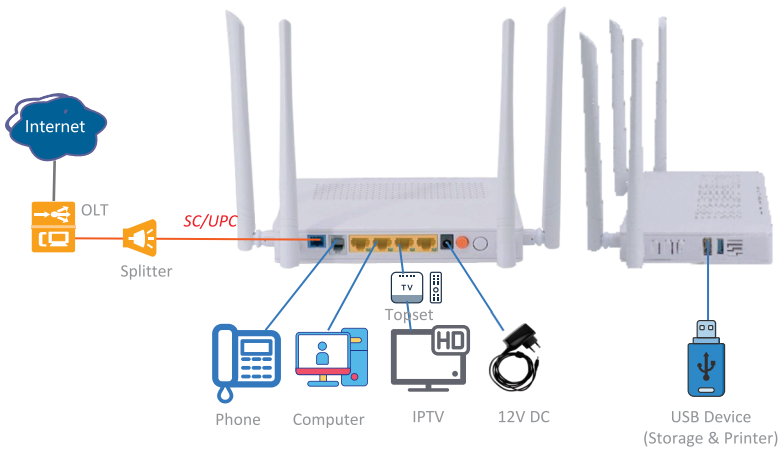
Hardware Parameter	
Dimension	178mmx120mmx30mm(LxWxH)
Net weight	0.42Kg
Operating condition	• Operating temp: 0°C~+50°C • Operating humidity:10%~90% (non-condensing)
Storing condition	• Storing temp:-30° ~ +70°C • Storing humidity: 10% ~ 90% (non-condened)
Power adapter	DC 12V/ 1.5A
POE PWR supply	12W
Interfaces	4GE+1POTS+2USB+WiFi 5
LED Insicators	PWR, LOS, PON, LAN1 ~ LAM4, 2.4G, 5.0G, USB0, USB1, PHONE
USB	1*USB2.0+1*USB3.0
Interface Parameter	
PON interface	• 1XPON port(EPON PX20+ & GPON Class B+) • SC single mode, SC/UPC connector • TX optical power: 0~+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance: 20KM • Wavelength: TX 1310nm, Rx1490nm
WIFI interface	• Compliant with IEEE802.11b/g/n/ac • WiFi:2.4GHz 2×2, 5.8GHz 2×2, 5dBi antenna, rate up to 1.167Gbps,Multiple SSID • TX power: 11n--22dBm/11ac--24dBm
USB interface	2*USB For Shared Storage/Printer or Console
LAN interface	4*GE, Auto-negotiation RJ45 connectors
Pots interface	1*FXS, RJ11 connector

Application Chart:



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Function Data	
O&M	• OAM/OMCI, Telnet, WEB • TR069
Connect Mode	Support bridge, router & bridge/router mixed mode
Data Service Functions	• Full speed non-blocking switching • 2K MAC address table • 64 full range VLAN ID • Support QinQ VLAN, 1:1 VLAN, VLAN reusing, VLAN trunk, etc • 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
Wireless	• Integrated 802.11b/g/n/ac • Authentication:WEP/WAP-PSK(TKIP)/ WAP2-PSK(AES) • Modulation type:DSSS,CCK and OFDM • Encoding scheme:BPSK,QPSK,16QAM and 64QAM
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
L3	• Support NAT, Firewall • Support IPv4/IPv6 dual stack
Other funtion Q&M	• Integrated OAM/OMCI remote configuration and maintenance function • Support rich QinQ VLAN functions and IGMP snooping multicast features

Product Name	Product Description	Accessories
XPON ONT	4GE+1POTS+ WiFi5+2USB	AC-DC power adaptor: DC12V / 1.5A

SUMICO
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