

N300 XPON ONT ROUTER

(DATA + VOICE + WIFI)
S-XPON-1111-WDONT



Product Overview:

1GE+1FE+1POTS+CATV+WiFi ONU meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements to design an EPON/GPON Gigabit Ethernet products. It is based on mature and stable, cost-effective EPON/GPON technology, high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance of IEEE802.3ah and ITU-TG.984.x.

Special Features:

- Dual Mode(can access gpon/epon olts).
- Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- Integrated OMCI remote configuration and maintenance function.
- Support rich QinQ VLAN functions and IGMP Snooping multicast features.
- Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.
- Support 802.11n WiFi(2T2R) function.
- Support NAT, Firewall function.
- Support IPv4 and IPv6 dual stack.
- Integrated line testing compliant with GR-909 on POTS.



SPECIFICATION	S-XPON-1111-WDONT
Technical Item	1GE+1FE+1POTS+WiFi+CATV(xPON ONU)
PON Interface	1 G/EPON port(EPON PX20+ and GPON Class B+) Receiving sensitivity: ≤ -28 dBm Transmitting optical power: 0~-4dBm Transmission distance: 20KM
Wavelength	Tx1310nm,Rx 1490nm and 1550nm
Optical Interface	SC/APC connector(signal fiber with WDM)
LAN Interface	1 x 10/100/1000Mbps and 1 x 10/100Mbps auto adaptive Ethernet interfaces. Full/Half, RJ45 connector
POTS Interface	1 FXS, RJ11 connectors Support: G.711/G.723/G.726/G.729 codec Support: T.30/T.38/G.711 Fax mode, DTMF Relay Line testing according to GR-909
WiFi Interface	Compliant with IEEE802.11b/g/n, Operating frequency: 2.400-2.4835GHz support MIMO, rate up to 300Mbps, 2T2R,2 external antenna 5dBi, Support: multiple SSID Channel:13 Modulation type: DSSS, CCK and OFDM Encoding scheme: BPSK, QPSK, 16QAM and 64QAM
CATV Interface	RF, optical power : +2~-18dBm Optical reflection loss: ≥ 45 dB Optical receiving wavelength: 1550 \pm 10nm RF frequency range: 47~1000MHz, RF output impedance: 75 Ω RF output level: ≥ 82 dBuV (-7dBm optical input) AGC range: +2~-7dBm/-4~-13dBm/-5~-14dBm MER: ≥ 32 dB(-14dBm optical input), > 35(-10dBm)
LED	8, For Status of POWER, LOS, REG, GE, FE, FXS, CATV, WiFi
Operating Condition	Temperature: 0°C ~ +50°C Humidity: 10% ~ 90% (non-condensing)
Storing Condition	Temperature: -30°C ~ +60°C Humidity: 10% ~ 90% (non-condensing)
Power Supply	DC 12V/1A
Power Consumption	≤ 8 W
Dimension	185mm \times 120mm \times 34mm (L \times W \times H)
Net Weight	0.29Kg