



V2820D-1G3FPS XPON POE ONU

XPON+1×GE(POE+)+3×FE(POE+)

Key Features:



XPON Dual Mode
GPON/EPON
Compatible



IEEE802.3at POE+
Max 30W per port



Bridge Access
Mode

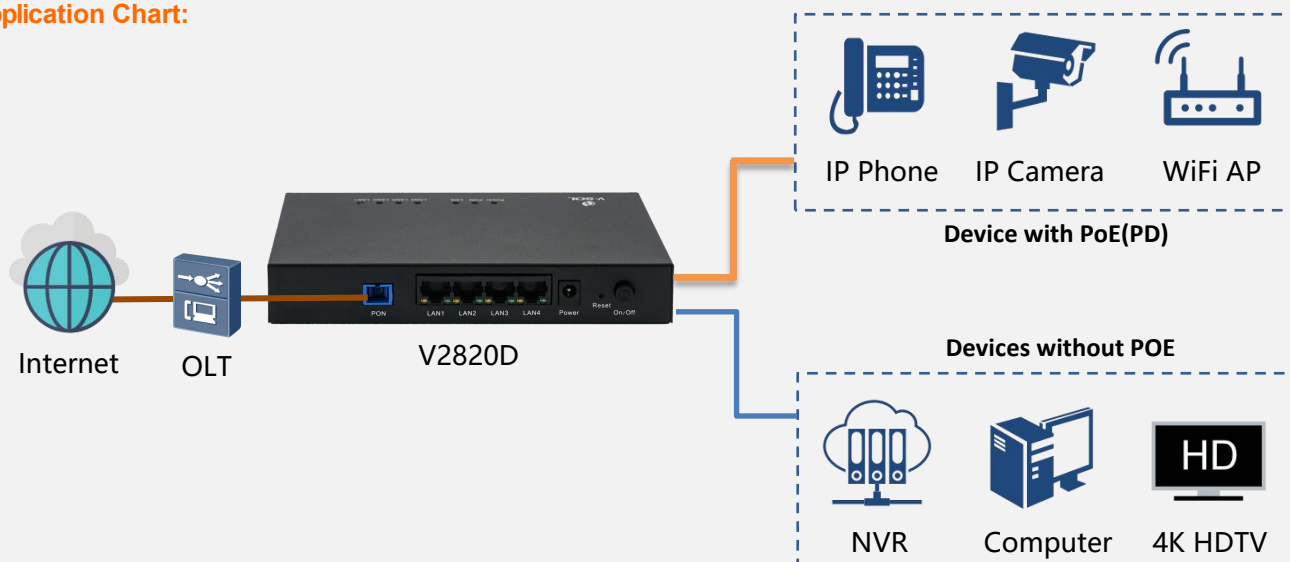


High
Cost-Effective

Introduction:

1×GE+3×FE XPON POE(PSE) ONU with Positive PoE designed for fulfilling FTTH request of telecom operators, internet access of SOHO. This product is support XPON dual Mode, which has high performance/price ratio, and the technology of layer 2 Ethernet switch as well. It is highly reliable and easy to maintain, with guaranteed QoS. Its EPON model is fully compliant to technical regulations such as IEEE802.3ah and technical requirement of EPON Equipment (V3.0) from China Telecom, Its GPON model is fully compliant to ITU-TG.984.x. ONU supply power to PD device deployed in users' residences, applied in scenarios where there is no alternating current (AC) power supply in corridors.

Application Chart:



○ Hardware Parameter

Dimension	175mm×123mm×28mm (L×W×H)
Net weight	About 0.6kg
Operating condition	Temperature: -20℃~50℃ Humidity: 5%~90% (non-condensing)
Storage condition	Temperature: -30℃~60℃ Humidity: 5%~90% (non-condensing)
Power adapter	DC 48V, 1A
Power supply	≤48W
Interface	1×XPON+1×GE(POE+)+3×FE(POE+)
Indicators	POWER,LOS,PON, LAN1~LAN4

○ Interface Parameter

PON Interface	<ul style="list-style-type: none"> • 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
User Interface	<ul style="list-style-type: none"> • PoE+, IEEE 802.3at, Max 30W per port • 1*GE+3*FE Auto-negotiation,RJ45 connectors • Configuration of the number of MAC addresses learned • Ethernet port-based VLAN transparent transmission and VLAN filtering

○ Function Data

O&M	<ul style="list-style-type: none"> • Support OMCI(ITU-T G.984.x) • Support CTC OAM 2.0 and 2.1 • Support Web/Telnet/CLI
Uplink Mode	<ul style="list-style-type: none"> • Bridging mode • Compatible with mainstream OLTs
L2	<ul style="list-style-type: none"> • 802.1D&802.1ad bridging • 802.1p CoS • 802.1Q VLAN
L3	<ul style="list-style-type: none"> • IPv4/IPv6 • NAT, DMZ, DDNS
Multicast	<ul style="list-style-type: none"> • IGMPv2/v3 • IGMP snooping

Ordering Information:

Product Name	Product Description	Accessories
V2820D-1G3FPS	1*GE(POE+)+3*FE(POE+)	AC-DC power adaptor: DC48V/A