

Specifications

Product Specifications			
Standard	IEEE Std 802.3-2008; YD-T 1475-2006 Technical Requirements for Access Network--Passive Optical Network Based on Ethernet (EPON); YD-T 1531-2006 Test Method for Access Network Equipment--Passive Optical Network Based on Ethernet(EPON); YD-T 1771-2008 Technical Requirements for Access Networks--Interoperability of EPON Systems; YD-T 1809-2008 Testing Methods for Access Network--Interoperability of EPON Systems		
PON Interface	Standard: IEEE 802.3ah 1000BASE-PX20+ -U; Number of Ports: 1; TX Power: 0dBm~+4dBm; RX Sensitivity: ≤ -27dBm;	Connector: SC/PC; Wavelength: 1310/1490nm; Saturation Rx Power: ≥-3dBm	
Fast Ethernet Interface	Standard: IEEE 802.3; Connector: RJ45; Data Rate: 10/100M auto-negotiation;	Number of Ports: 4; MDI/MDIX: auto-MDIX; Duplex: Full/Half auto-negotiation	
POTS (Optional)	Number of Ports: 2; Ringing Voltage: 50±10VAC,30±10H;	Connector: RJ11; Transmission Distance: 3km	
WIFI (Optional)	IEEE 802.11b/g/n, up to 300Mbps		
USB Host Interface (Optional)	Number of Ports: 1;	Standard: USB 2.0	
Features			
Line Rate	Symmetric 1.25Gbps	MAC Table Capacity	8k
POTS	VOIP mode, support MGCP or SIP; Integrate heartbeat function and support active/standby call agent; RJ11 connector for conventional telephone settings; ITU-T G.711 A-Law/u-Law, G.729A/B, G.723.1-5.3/6.3, G.726 coding, auto-negotiate with call agent		
VLAN	IEEE 802.1Q; 4k VLAN; IEEE 802.1ad (Q in Q); VLAN transparent; VLAN trunk; VLAN transition		
Bridge	Store-and-forward mode, supports layer-2 wire-speed forwarding; Maximum frame length:1600 bytes; Broadcasting storm control; Port/flow mirroring function; Bi-direction port rate limiting		