

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	
Ethernet Interface	Standard: IEEE 802.3 Connector: RJ45 Data Rate: 10/100M auto-negotiation	Number of Ports: 8/16/24 MDI/MDIX: auto-MDIX Duplex: Full/Half auto-negotiation	
Management Interface	In-band management via Ethernet interfaces		
Features			
Line Rate	Symmetric 1.25Gbps	MAC Table Capacity	8k
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		
Flow Control	IEEE 802.3x (full duplex flow control) and back pressure type flow control (half duplex)		
DBA	Bandwidth granularity is 64kbit/s; SLA including fixed/guaranteed/maximal bandwidth, delay level and priority level		
Multicast	SCB (Single Copy Broadcast) ; IGMP V1/V2; IGMP Snooping; 256 multicast groups; Multicast authority control; The fast-leave of IGMP members; Static multicast; 8K-byte cache to ensure IPTV burst traffic		