

## Specifications

Product Specifications	
<b>Standard</b>	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 1809-2008Testing Methods for Access Network--Interoperability of EPON Systems
<b>PON Interface</b>	Standard: IEEE 802.3ah 1000BASE-PX20+ -U; Number of Ports: 1; Connector: SC/PC; TX Power: 0dBm~+4dBm; Wavelength: 1310/1490nm; RX Sensitivity: ≤ -27dBm; Saturation Rx Power: ≥-3dBm
<b>Fast Ethernet Interface</b>	Standard: IEEE 802.3; Number of Ports: 4; Connector: RJ45; MDI/MDIX: auto-MDIX; Data Rate: 10/100M auto-negotiation; Duplex: Full/Half auto-negotiation
<b>Giga Ethernet Interface</b>	Standard: IEEE 802.3; Number of Ports: 1; Connector: RJ45; MDI/MDIX: auto-MDIX; Data Rate: 10/100/1000M auto-negotiation; Duplex: Full/Half auto-negotiation
<b>Management Interface</b>	In-band management via Ethernet interfaces
Features	
<b>Line Rate</b>	Symmetric 1.25Gbps
<b>MAC Table Capacity</b>	8k
<b>VLAN</b>	IEEE 802.1Q; 4k VLAN; IEEE 802.1ad (Q in Q); VLAN transparent; VLAN trunk; VLAN transition
<b>Bridge</b>	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
<b>Flow Control</b>	IEEE 802.3x (full duplex flow control) and back pressure type flow control (half duplex)
<b>DBA</b>	Bandwidth granularity is 64kbit/s; SLA including fixed/guaranteed/maximal bandwidth, delay level and priority level