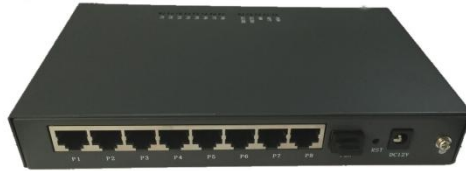


## E8008U-PD Series Corridor Multi-user Access ONU



### 8FE POE EPON ONU

E8008U-PD series are based on client-power supply switch designed for the carrier-class access ONU. All series can provide client-power supply, two-story wire-speed forwarding capability, strong security features, low-power quiet fan-less design and a strong awareness capacity function, which can realize passive access network programs from OLT to passive optical splitter. The series targeted at the business applications of enterprise and carrier networks which is hard to get power. It also serves as energy-saving access and high security access solutions.

### Product Specification:

Attributes	E8008U-PD
Backplane capacity	3.2 bps
Switching capacity	3.2 G
Throughput	2.68Mpps
Memory	4MB SDRAM Memory and 2MB Flash Memory
Power supply	All ports support client-power supply The average distribution of power into the multiple terminal users Port power calibration feature

Power consumption	Full-load ≤9W Idle ≤6W
Outline dimensions (mm) (W*D*H)	184mm x 94mm x 27 mm
Weight (in maximum configuration )	≤3kg
Environmental requirements	Working temperature: -15°C~55°C Storage temperature: -40°C~70°C Relative humidity: 10%~90%, no condensing

### Business Features:

Attributes		E8008U-P/16-P
Passive optical network (PON) accessing features		IEEE 802.3ah EPON standard GEAPON Intercommunication standard for China Telecom/China Unicom 20Km transmission distance for single optical fiber 128Bits triple churning encryption for up-down link Standard and extensive OAM management ONU software batch/ timely/real-time updating Luminous power of PON port can accept luminous power detection
L2 features	MAC	4K MAC address
	VLAN	20 VLAN entries Port-based VLAN Port-isolation in the same VLAN
	Spanning tree protocol	Loop detecting
	Port	Bandwidth control Port mirroring
Security features	User's security	MAC address binds to port and port MAC address filtration
	Device security	Anti-DOS attack(such as ARP, Synflood, Smurf, ICMP attack), ARP detection, worm and Msblaster worm attack
	Network security	Port broadcast/multicast suppression
Service features	ACL	TCP/UDP-based user-defined packet filtration
	QoS	Port-based super queue scheduler and self-defined flow. Each port/ flow supports 4 priority queues and scheduler of FIFO (First In First Serve), SP

		(Strict Priority) and WRR (Weighted Round Robin).
	Multicast	IGMPv1/v2 Snooping Cross-VLAN multicast
Reliability	Link protection	Static link aggregation(recovery time≤10ms)
	Device protection	4Kv+ lightning protection for port 2Kv+surge protection for power
Maintenance	Device management	GEPON OAM/CTC configuration management Input/output configuration files for batch configuring Hardware Load Default

### Purchase Information:

Product name	Product description
<b>E8008U-PD</b>	client power supply version,1*EPON(1490nm receive,1310nm transmit,20Km,SC),8*10/100Base-T (8 ports with POE power receiving function)
<b>PSE01(Optional The standard does not take)</b>	special client power supply module for reverse feeding, internal 220V -48V/350mA , 2*Ethernet ports, 1*fixed power cable

