netis

Easy Network, Trustable

8 Ports EPON Optical Line Terminal

EP8208

Features:

>Complies with IEEE 802.3ah & CTC 2.1

>8* EPON ports, 4* uplink ports

>Up to 1.25Gbps for upstream/ downstream speed

>Each OLT port supports 64 ONUs

>Maximum transfer distance up to 20Km

>Networking protocol supported: TCP/IP, ICMP, ARP, OSPF, PIM, etc.

>Complete Layer2/Layer3 features, supports Trunk protection/ Q-in-Q

>Advanced QoS functions: IP ToS, IEEE 802.1p priority (SP/WRR/SP+WRR)

>Intelligent Dynamic Bandwidth Allocation (DBA)

>Provides IEEE 802.1Q VLAN

>IGMP Snooping optimizes multicast applications

>Secure Access via Access Control List (ACL)

>Complies with Triple Churning Encryption/AES Encryption

>Supports 802.1x supplicant

>Supports upstream traffic classify and management through extended OAM

>Advanced management methods: OAM remote management, Web-based GUI, Console/ Telnet Command Line Interface, SNMP v1/v2c/v3, SSH v1/v2, ONU firmware remote upgrade

Brief:

The netis EPON OLT (Optical Line Terminal)EP8208 is an IEEE 802.3ah & CTC 2.1standards compliant productwith 1U chassis-based system. It provides 8 EPON ports in the system to support up to 512 ONUs. Together with netis ONUs,EP8208 completes the end-to-end FTTx with up to 1Gbps of bandwidth to residential and business customers. It is the ideal carrier class optical access platform for FTTx (FTTC, FTTB, FTTH).

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Specification:

Hardware

Interface	8 * EPON port, 4 * 10/100/1000Base-T and SFP combo uplink port 1 * NMI port
LED	RUN, ALM, PWR, SD(1-8 EPON, 1-4 Uplink), REG(1-8 EPON), NMI status
Power Supply	100-240V AC/50-60Hz

Feature

Hardware	Single Mode Fiber Cable SC Fiber Connecter Maximum Splits of ONU: 512 Upstream(ONU->OLT) Wavelength: 1310nm Downstream(OLT->ONU) Wavelength: 1490nm Reach: 20km for PX20/PX20+
Software	Comply with IEEE 802.3-2005 Comply with CTC 2.1 Auto Discovery/Grant Allocation/Ranging/Report Handling Alarm Report Downstream Bandwidth Control by Policy ONU Remote Management Remote Diagnostic Peer to Peer Management Port Lock for Each ONU Performance Statistic Support ONU Firmware Remote Upgrade Comply with Triple Churning Encryption/AES Encryption Support Upstream Traffic Classify and Management through Extended OAM Support IGMP v1/v2 Proxy/Snooping Comply with Upstream Traffic Filter based on MAC DA/SA Support NMI Port Configuration Support Max Frame Length to 1536 Bytes Support Layer2 Features Secure Access via Access Control List(ACL) MAC/LOID Authentication

Others

Certification	FCC, CE	
Environment	Operating Temperature: 0℃~40℃(32℉~104℉) Operating Humidity: 5%~95% RH non-condensing	Storage Temperature: -40℃~70℃(-40℉~158℉) Storage Humidity: Less than 95% RH non-condensing
Package	1 * EP8208 2 * Rackmount Brackets and the Fittings	1 * Power Cord

Topological Graph:

UpLink

Wired

Wireless

EP8208
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POS   EP8104P   WF2419

Related products

EP8104P
4 Ports Fast Ethernet Plus 2 POTS EPON Terminal

WF2419
300Mbps Wireless N Router