

4 Ports Fast Ethernet Plus 2 POTS EPON Terminal

EP8104P

Features:

- >Complies with IEEE 802.3-2005&CTC 2.1

>IEEE 802.3-2005 compliant EPON ONU device

>Up to 1.25Gbps for upstream/downstream speed

>Maximum transfer distance up to 20Km

>Automatic discovery and authorization, plug and play

>Support SIP or H248 voice protocol

>Powerful and strong voice POTS service delivery

>AES-128 encryption

>Customized Quality of Service for assured SLA

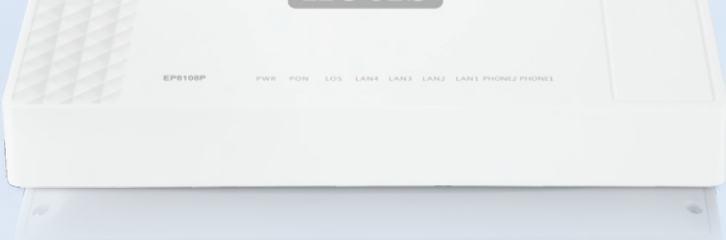
>IEEE 802.1p priority(SP/WRR/SP+WRR)

>Advanced Layer2 switching features, IGMP Snooping, IEEE 802.1q VLAN, Rate Limitation, MAC Address management

>Supports Dying Gasp function

>Supports Triple churning

>Remote management based on TR069 protocol and OAM, Local management through Web-based GUI

>1 * SFF/SC PON port, 2 * RJ11 phone ports, 4 * 10/100Mbps auto-negotiation and auto-MDI/MDIX RJ45 LAN ports
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Brief:

The netis EP8104P 4 ports Fast Ethernet and 2 FXS voice type EPON ONU is one of the most popular ONU's used in FTTH deployments till now. It has 4 Ethernet ports and 2 FXS ports. Most important is that you can start providing a phone access to your FTTx customers just merely installing this ONU at CPE premises, and connecting regular POTS phone to any of 2 FXS ports. Then ONU will serve as a VoIP client gateway.

www.netis-systems.com

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EP8014P

Specification:

Hardware		
Interface	1 * SFF/SC PON port 4 * 10/100Mbps auto-negotiation and MDI/MDIX RJ45 LAN port 2 * RJ11 port	
Data Rate	Upstream 1.25Gbps Downstream 1.25Gbps	
Distance	0-20KM	
Splitting Ratio	1:32(20KM) 1:64(10KM)	
Optical Power	-1~+4dBm	
Receive Sensitive	-25.5dBm	
LED	LAN4-LAN1LOS PON PWR	
Button	Power on/off Default	
Power Adapter	External 12V2A	
Power consumption	<20W(MAX)	
Dimensions(L x W x H)	171(L) * 112(W) * 22(H)mm	
Wight	127g	
Software		
Standard	IEEE 802.3-2005 IEEE 802.3 10Base-T IEEE 802.1p	IEEE 802.3u 100Base-TX IEEE 802.1q
QoS	Service Flow Classification based on MAC Address/VLAN/IP Address/DSCP/L4 port 802.3x flow control Upstream Priority Label Support 802.1p User Priority Congestion Control Support Tail-Drop/WRED/RED	Schedule rules Support SP/WRR/SP+WRR Rate Limit and Traffic shaping,
VLAN	802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode	
Advanced Features	Authentication based on Loid and Password,or base on MAC Dynamic Bandwidth Allocation(DBA) Terminal Silent mechanism	Upstream and Downstream FEC Optical power detection, Dying Gasp Ethernet port loop testing
Security	AES Encryption, Triple churning Illegal Frame/Illegal Multicast Filtering	
Management	Managed by Web and OAM Reset to Factory default by Reset button or Web UI	Specified the management IP/MAC, Real-time statistics, Optical Diagnostic, System Log
IGMP	IGMP v2/v3	IGMP Snooping
Voice	SIP: Complies with IETF RFC 3261 standard SIP or H.248 * (* The standard can be switched through firmware upgrade.)	H.248: Complies with YD/T 1292 standard
Others		
Environment	Operating Temperature: 0°C~40°C(32°F~104°F) Operating Humidity: 10%~90% non-condensing	Storage Temperature: -40°C~70°C(-40°F~158°F) Storage Humidity: 5%~90% non-condensing
Package	1 * EP8104P 1 * Ethernet Cable	1 * 12V/2A Power Adapter 1 * Quick Installation Guide

Topological Graph:

