

OLT EPON 4 PON



BDCOM



DESCRIPCION

**OLT EPON
4 PON**

MODELO

P3310

CODIGO WT

4281369

Casa Central

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1 - CARACTERISTICAS

- ❖ OLT 4GE cumple con el estándar de intercomunicación IEEE802.3ah y P.R.C, YD / T 1475-2006,
- ❖ admite CTC20 / 2.1, descubre y coopera automáticamente con ONU de diferentes fabricantes.
- ❖ EPON OLT 4GE admite la velocidad de transmisión simétrica de enlace ascendente / descendente de 1,25 Gbps PON, el uso eficiente del ancho de banda y los servicios Ethernets, lo que ayuda a los operadores a brindar servicios confiables a sus usuarios Su relación de acoplamiento, 1:64, y su soporte de diferentes redes ONU híbridas minimizan la inversión del operador.
- ❖ OLT 4GE tiene funciones sólidas y garantía de QoS, y admite SLA y DBA.

Standards

- IEEE802.3ah
- YD-T 1475-2006 access network requires EPON basis
- YD-T 1771-2008 access network requires EPON intercommunication
- China Telecom EPON standard CTC2.1/3.0
- Ethernet – II

VLAN

- Port/IP/Protocol/MAC-based VLAN
- 4K VLAN
- QinQ and flexible QinQ

Multicast

- L2 multicast
- IGMP snooping
- MLD snooping
- Fast-leave

Layer 3 Function

- Static route
- RIPv1/v2
- OSPF

QoS

- Backpressure flow control (half duplex)
- IEEE 802.3x flow control (full duplex)
- IEEE 802.1p, CoS
- WRR, SP and FIFO queue schedule
- Limiting the uplink/downlink rate based on each ONU
- DBA and SLA

Reliability

- Unidirectional Link Detection (UDLD)
- Hot swap of the EPON optical module
- Optical path protection of EPON (type B/C, hand-in-hand)
- Abnormal luminescence ONU detection such as long luminescence
- IEEE 802.3ad LACP

DHCP Function

- Server/Relay/Client
- DHCP snooping
- DHCP option 66,67,82
- DAI
- IP source guard

Network Security

- L2-4 ACL
- Flow-based ACL
- MAC limitation
- MAC sticky
- Port isolation
- Packet storm control
- Transmission data encryption on the PON interface
- Anti attack for DDOS, TCP-SYN-flood, UDP-flood, ARP-flood, etc.

Management

- CLI, Telnet, SSH, HTTP/HTTPS and SNMP
- ISSU
- FTP/TFTP
- SPAN
- NTP

Network Availability

- STP/RSTP/MSTP
- BPDU guard
- EAPS

2 – ESPECIFICACIONES

Item	P3310D
Service interface	
PON ports	4
GE uplink	2 GE TX + 2 GE SFP + 2 GE SFP/TX combo ports
Supported GPON SFP module	PX20, PX20+, PX20++
Management interface	
RJ45 console	1
Mini-USB console	1
Out-of-Band	1
System capacity	
DRAM (MB)	128
Flash (MB)	32
Backplane (Gbps)	20
MAC table	8K
Buffer size (MB)	512
Jumbo frame (KB)	2
Active VLAN	4,094
Total SVI	1
Forwarding mode	Store-and-forward
Reliability	
MTBF (Hr)	100,000
Certification	CE, FCC, ROHS

3 – CARACTERÍSTICAS FÍSICAS

Physical Characteristics

Item	P3310D	
Power supply		
AC (V)	90 - 264	
DC (V)	36-72	
Power slots	1 (fixed, optional for 2)	
Max. consumption (W)	40	
Total output BTU (note: 1000 BTU/hr = 293W)	136.52	
Cooling system		
Fan number	2	
Air-flow	Left-right	
Noise@25°C(dBA)	< 45	
Appearance		
Chassis	Dimensions(WxDxH mm)	442 x 315 x 44
	Weight (Kg)(empty)	3.5
Package	Dimensions(WxDxH mm)	576 x 448 x 94
	Weight (Kg)	4.4
Environmental specifications		
Operating	Temperature	0-45°C
	Humidity (non-condensing)	10%-85%
Storage	Temperature	-40°C-80°C
	Humidity (non-condensing)	5%-95%
Accessories		
Parts	Power cord, rackmount kits, console cable	