OLT GPON 8 Puertos

BDCOM

- 1 console port
- 1 out-band 10/100M port
- 8 fixed PON ports
- 4 10GE SFP+ ports
- 4 GE SFP ports
- 4 GE TX/SFP combo ports

High-density Pizza-box GPON OLT

DESCRIPCION	OLT GPON 8 PON s/SFP
MODELO	GP3600-08B
CODIGO WT	4281379

1 - CARACTERISTICAS

La serie BDCOM GP3600 cumple con ITU-T G.984 / G.988 y requisitos sobre GPON OLT en Técnica de acceso a la red.

Totalmente compatible CTC2.0, conexionado automático y cooperación con ONU de diferentes fabricantes.

Soportes de la serie BDCOM GP3600 el enlace ascendente asimétrico 1,25 Gbps /enlace descendente 2.5Gbps PON tasa de transmisión.

Eficiente relación de acoplamiento sube a 1: 128, y su soporte de diferentes ONU híbridas las redes minimizando la inversión.

Soportes de la serie BDCOM GP3600 funciones de enrutamiento como RIP, OSPFy BGP.

LaSerie BDCOM GP3600, basada en las tecnologías de vanguardia, es fuerte en funciones y QoS garantía, SLA y DBA pueden ser enumerados fácilmente.

2 – ESPECIFICACIONES

Standards
- ITU-T G.984/G.988
- IEEE 802.11D, Spanning Tree
- IEEE 802.1Q, VLAN
- IEEE 802.1w, RSTP
- IEEE 802.3ad physical link static/dynamic aggregation (LACP), 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
- BGP

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 GPON optical module
- Optical path protection of GPON (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
- Various management modes such as CLI, Telnet, SSH, HTTP, SSL and SNMP
- ISSU
- FTP/TFTP
- SPAN/RSPAN
- NTP

Network Availability
- STP/RSTP/MSTP
- BPDU guard
- EAPS

Item	GP3600-04	GP3600-08	GP3600-16
Service interface			
PON ports	4	8	16
GE uplink	4 GE TX	4 100/1000M SFP + 4 GE SFP/TX	4 100/1000M SFP + 4 GE SFP/TX
10GE uplink	4 10GE/GE SFP+	4 10GE SFP+	4 10GE SFP+
Supported GPON SFP module		Class B+, Class C+, Class C++	
Management interface			
RJ45 console		1	
Mini-USB console		1	
Out-of-Band		1	
System capacity			
DRAM (MB)		1024	
Flash (MB)		32	
Backplane (Gbps)		176	
MAC table		40K	
Buffer size (MB)		3	
Jumbo frame (KB)		9	
IPv4 routing table		32K	
IPv6 routing table		8K	
Active VLAN		4,094	
SVI number		512	
Forwarding mode		Store-and-forward	

Item		GP3600-04	GP3600-08	GP3600-16
Power supply				
AC (V)			90 - 264	
DC (V)			36-72	
Power slots			2	
Max. consumption (W)		50	60	70
Total output BTU (note: 1000 BTU/hr = 293W)		170.6	204.8	238.9
Cooling system				
Fan number			3	
Air-flow			Left-right	
Noise@25°C(dBA)			< 45	
Appearance				
Chassis	Dimensions(WxDxH mm)	442.5 x 304 x 44	442.5 x 304 x 44	442.5 x 304 x 44
Chassis	Weight (Kg)(empty)	5.3	5.5	5.6
Package	Dimensions(WxDxH mm)	576 x 448 x 94	576 x 448 x 94	576 x 448 x 94
Package	Weight (Kg)	6.2	6.4	6.5
Environmental specifications				
Operating	Temperature		0-50°C	
Operating	Humidity (non-condensing)		10%-85%	
Storage	Temperature		-40°C-80°C	
Storage	Humidity (non-condensing)		5%-95%	
Accessories				
Parts			Power cord rackmount kits console cable	
Reliability				
MTBF (Hr)			95,000	
Certification			CE, FCC, ROHS	

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