

AFVOLT-8

GEPON / ONU

Highperformance 8 Port GEPON OLT



AFVOLT-8 (Symbolfoto)

Dieser OLT ist der Perfekte OLT für Highperformance Anbindungen. Bis zu 512 Kunden anbindbar und als Uplink 4x 10Gbit Interfaces. Als Highlight hat er natürlich zwei Power Supplies und auch jegliche Sicherheitsfeatures integriert.

This highperformance OLT can connect up to 512 customers (ONU). The Uplink is 4x 10 Gbit SFP+, 4x SFP, 8x GigabitEthernet copper. Of course this OLT have a double power supplies and every security is onboard.

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Specifications

Chassis

Rack	1U 19 inch standard box
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Optical Interfaces GEPON

EPON Interfaces (GEPON)	8
Physical Interfaces	SFP Slots
Connector Type	1000BASE PX20+
Max. Splitting ratio	1:64
Max. Modem on ONU	512
Transmission Distance	up to 20km
Max. SPEED PON DS/US	1,25 Gbps / 1,25 Gbps
Wavelength	TX1490nm / RX1310nm
Connector	SC/PC (normal blue connector)
TX Power	+2 ~ +7 dBm
RX Sensitivity	-27 dBm
Saturation Optical Power	-6 dBm

Uplink Ports

Uplink Port SFP	4
Physical Interfaces	SFP Slots

Uplink Port SFP+	4
Physical Interfaces	SFP+ Slots

Uplink Port Copper	8 (10/100/1000)
Physical Interfaces	Copper

Management Port

Ethernet	1*10/100BASE-T out-band port
Console	RJ45 Serial

Management Mode

Management Protocole	SNMP, Telnet, CLI and CN-ADMIN
Management Function	Fan Group Detecting; Port Status monitoring and configuration management; Layer2 switch configuration such as VLAN, Trunk, RSTP, IGMP, QOS, etc; EPON management function: DBA, ONU authorization, ACL, QOS, etc; Online ONU configuration and management; User management; Alarm management.
Layer2 Switch	16K Mac address Support 4096 VLANs; Support port VLAN and protocol VLAN;

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	Support VLAN tag/Un-tag ,VLAN transparent transmission; Support Vlan translation and QinQ; Support storm control based on port Support port isolation Support port rate limitation Support 802.1D and 802.1W; Support static LACP; QOS based on port,VID,TOS and MAC address; Access control list; IEEE802.x flow control; Port stability statistic and monitoring. Onu switch in the same pon
Multicast	Igmpp snooping 256 IP Multicast Groups;
DHCP	Dhcp Server Dhcp Relay Dhcp Snooping
Layer 3 Route	Arp proxy Static route 1024 hardware Host Routes; 512 hardware Subnet Routes;
EPON Function	Support port-based rate limitation and bandwidth control; In compliant with IEEE802.3ah standard; Up to 20KM transmission Distance; Support data encryption, multi-cast, port VLAN, separation,RSTP,etc; Support Dynamic Bandwidth Allocation (DBA); Support ONU auto-discovery/link detection/remote upgrade of software; Support VLAN division and user separation to avoid broadcast storm; Support various LLID configuration and single LLID configuration; Different user and different service could provide different QoS by means of different LLID channels; Support power-off alarm function,easy for link problem detection; Support broadcasting storm resistance function; Support port isolation between different ports; Support ACL and SNMP to configure data packet filter flexibly; Specialized design for system breakdown prevention to maintain stable system; Support dynamic distance calculation on EMS online; Support RSTP,IGMP Proxy.
Dimension(L*W*H)	442mm*320mm*43.6mm
Weight	4,5kg
Power Supply	2x 220VAC Double Hot Backup
Power Consumption	45W

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Operating Environment

Working Temperature	-10~+55°C
Storage Temperature	-40~+85°C
Relative Humidity	5~90%(non-conditioning)

Provisioning Solution

CN-ADMIN JM-DATA (www.jm-data.at)	FULL certified
VoIP AICALL (www.aicall.at)	FULL certified

JM-FIBRE© is a name of JM-DATA GmbH Group - www.jm-data.at – Phone: +43(0)50/305080-0
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