



Smart O&M

Smart Service

Smart Interconnection

HG6240A



Physical Parameters

Dimensions (HxWxD)	(32 * 170 * 130) mm	System Power Supply	DC 12V, 1A
Weight	256 g	Power Adapter input	AC 100~240V, 50~60Hz
Operating Temperature	-5°C~45°C	Static Power Consumption	6W
Operating Humidity	5%~95%(non-condensing)	Maximum Power Consumption	8W
Ports	4GE+2POTS	Indicators	Power/PON/LOS/LAN/Phone

Interfaces Parameters

GPON Port	GEM encapsulation & Ethernet over GEM
	Flexible Mapping between GEM and TCONT
	Bi-direction FEC and downlink FEC performance statistics
	SR-DBA or NSR-DBA, DBA piggy-back DBRu Mode 0
	Multiple encryption modes: unicast data channel, AES-128, OMCI channel, negotiation with OLT
	Multiple Authentication modes: SN, Password, SN + Password, LOID + Password and LOID
	Mapping from GEM ports to T-CONTs
	Multiple flow mapping modes
	T-CONTs of Type 1 to Type 5
Ethernet Port	Complies with the IEEE 802.3 standard
	Configuring the Ethernet interface rate, working mode, and MDI/MDIX auto-negotiation mode
	Manual configuration to the rate 10/100/1000 Mbit/s
	Manual configuration of the half duplex or full duplex mode
	Loopback detection at the subscriber side
VLAN	IEEE 802.1Q VLAN standard
	Joining the 802.1Q VLAN in the tag / untag mode
	Up to 4k VLANs
POTS Port	H.248 and SIP
	G.711A/u, G.729a/b and G.722 encoding/decoding
POTS Port	DTMF detection and RFC 2833 for transmitting / receiving DTMF
	Layer 2 / Layer 3 wire-speed forwarding

Product Function

Smart O&M	
OMCI/Web UI/TR069	
PPPoE/DHCP simulation testing	
Automatic service provisioning, management and software upgrade remotely based on OMCI/TR-069	
Delivering the XML configuration file via the TR-069, alarm synchronization and performance statistics	
Smart Service	
Triple play service: HIS, IPTV, Voice	
Powerful QoS: <ul style="list-style-type: none"> ● 802.1p Priority ● SP/WRR/SP+WRR 	
Flexible connection modes: wire(GE/POTS)	
Smart Interconnection	
SIP/H.248 auto-negotiation	
IPv4/IPv6 auto-negotiation	
Easy to connect to other vendors' OLT	
Easy to connect to ACS by TR069	
L3 Features	
IPv4/IPv6 dual stack, and DS-Lite	
PPPoE/Static/DHCP	
NAT/NAPT	
DDNS/DNS Relay	
Static/default routes	
Security	Multicast
Anti-DoS attack	IGMP v2/v3 snooping
Firewall and ACL function	MLD v1/v2 snooping
Filtering based on MAC/IP/URL address	Up to 1024 multicast groups