



Smart O&M

Smart Service

Smart Interconnection

AN5506-01-A



Physical Parameters

Dimensions (H x W x D)	27.5mm × 112mm × 112mm	System Power Supply	DC 12V, 0.5A
Weight	135g	Power Adapter input	AC 100~240V, 50~60Hz
Operating Temperature	-5°C~45°C	Static Power Consumption	2.4W
Operating Humidity	10%~90%(non-condensing)	Maximum Power Consumption	2.7W
Ports	1*GE	Indicators	PON/LOS/LAN/Power

Interfaces Parameters

GPON Port	Supports ITU-T G.984
	Support the upstream bandwidth of each T-CONT configured by the OLT through the DBA function
	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 and LOID
Ethernet Port	Supports the IEEE 802.1Q VLAN standard Ethernet port-based VLAN tags and tag removal
	1:1VLAN, N:1 VLAN or VLAN transparent transmission, up to 4k VLAN
	Supports Layer 2 / Layer 3 wire-speed forwarding
	Supports bandwidth control granularity of 64 kbit/s

Product Function

Smart O&M	
OMCI/Web UI	
Supports automatic service provisioning, management and software upgrade remotely based on OMCI	
Supports alarm synchronization and performance statistics	
Smart Service	
Support Bridged and Routed Internet Service	
Support IPTV Service	
Powerful QoS: <ul style="list-style-type: none"> ● 802.1p Priority ● SP/WRR 	
Flexible connection modes: Wire(GE)	
Smart Interconnection	
IPv4/IPv6 auto-negotiation	
Support DHCP, PPPoE	
L3 Features	
IPv4/IPv6 dual stack	
PPPoE/Static/DHCP	
NAT/NAPT	
Port Mapping/DMZ	
DDNS/DNS Relay	
Static/default routes	
NTP	
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 256 multicast groups address