



Smart O&M

Smart Service

Smart Interconnection

AN5506-02-B9G



Physical Parameters

Dimensions (H x W x D)	27.5mm × 112mm × 112mm	System Power Supply	DC 12V, 1A
Weight	145g	Power Adapter input	AC 100~240V, 50~60Hz
Operating Temperature	-5°C~45°C	Static Power Consumption	2.5W
Operating Humidity	10%~90%(non-condensing)	Maximum Power Consumption	4.4W
Ports	2*GE + 1*POTS	Indicators	PON/LOS/Phone/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
POTS Port	Supports SIP
	G.711A/u, G.729a/b and G.722 encoding/decoding
	DTMF detection and RFC 2833 for transmitting / receiving DTMF

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:
 - 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

- Anti-DoS attack
- Firewall and ACL function
- Filtering based on MAC/IP/URL address

Multicast

- IGMP v2/v3 snooping
- MLD v1/v2 snooping
- Up to 256 multicast groups address