![FiberHome logo]

Smart O&M

Smart Service

Smart Interconnection

HG6245D

Physical Parameters

Dimensions (HxWxD)	(36.8 * 204 * 149) mm	System Power Supply	DC 12V, 1.5A
Weight	339 g	Power Adapter input	AC 100~240V, 50~60Hz
Operating Temperature	-5℃~45℃	Static Power Consumption	7W
Operating Humidity	10%~90%(non-condensing)	Maximum Power Consumption	17W
Ports	4GE+2POTS+WiFi+2USB	Indicators	Power/PON/LOS/Internet/WLAN/WPS/USB/LAN/Phone

Interfaces Parameters

GPON Port	Supports 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 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 learning up to 1k MAC addresses
	Supports Layer 2 / Layer 3 wire-speed forwarding
	Supports bandwidth control granularity of 64 kbit/s.
POTS Port	Supports H.248 and SIP
	G.711A/u, G.729a/b and G.722 encoding/decoding
	DTMF detection and RFC 2833 for transmitting / receiving DTMF
WiFi Port	802.11 b/g/n/a/ac
	Dual band: 2.4G(2*2MIMO) and 5G(2*2MIMO)
	8 SSIDs(4+4)
	Supports Open System, Shared key, WPA, WPA2, WPA-PSK, WPA2-PSK and WPS authentication
	Supports automatic selection and manual configuration of channels
USB	Compliant with the USB 2.0 standard
	FTP-based network storage

Product Function

Smart O&M

OMCI/Web UI/TR069

PPPoE/DHCP simulation testing

Supports automatic service provisioning, management and software upgrade remotely based on OMCI/TR-069

Supports delivering the XML configuration file via the TR-069, alarm synchronization and performance statistics

Smart Service

Triple play service: HIS, IPTV, Voice

Powerful QoS:
- 802.1p Priority
- SP/WRR/SP+WRR

Flexible connection modes: wire(GE/POTS) + WiFi

Smart Interconnection

SIP/H.248 auto-negotiation

IPv4/IPv6 auto-negotiation

Easy to connect to other venders' 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