

**OPTICAL TERMINAL
NETWORK**



BY FIBER SYSTEM

PRODUCT MANUAL

HUAWEI EG8145V5

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Product Overview

Huawei SmartAX MA5680T OLT can be used as OLT equipment , terminal ONT eqHuawei EG8145V5 FTTH is a routing-type ONT in Huawei's all-optical access solution. It uses GPON technology to implement ultra-broadband access for users. Provides 4 GE + 1 POTS + 1 USB + 2 WiFi (4 GE Ports, 1 CAN port, 1 USB Port, 1 2.4G WiFi port and 1 5Port WiFi G). The high forwarding performance ensures the user experience of voice, data services and HD video, and provides customers with an ideal all-optical access solution and future-oriented service support capability.

Main Characteristics



- Smart interconnection
 - Smart Wi-Fi coverage
 - SIP / H.248 auto-negotiation
 - Any port any service
 - Parental control
 - L2 / L3 (IPv4) forwarding: 1G uplink, 2G downlink

- Smart service
 - Wi-Fi Scheduled Shutdown
 - Wi-Fi Smart Sharing: 802.1x Portal / Authentication
 - SoftGRE-based Sharing

- Layer 3 Features
 - PPPoE / static IP / DHCP
 - NAT / NAPT
 - Forwarding of ports
 - ALG, UPnP
 - DDNS / DNS server / DNS client
 - Dual stack IPv6 / IPv4, DS-Lite, and IPv6 SPI
 - Static / default routes
 - Multiple services on one WAN port

Technical Specifications

Brand	Huawei
Model	EG8145V5
Kind	Routing
Dimensions (Height x width x depth)	173mm x 120mm x 30mm (without antenna and pads)
Operating temperature	0 ° C to 40 ° C
Operating humidity	5% RH to 95% Rh (non-condensing)
Power adapter input	100V to 240V AC, 50Hz / 60Hz
System power supply	11V to 14V DC, 2A
Network side ports	GPON
User-side ports	1 POTS + 4 DAR + Wifi + USB
Indicators	POWER, MON, LOS, LAN1, LAN2, LAN3, LAN4, TEL, USB, WLAN, and WPS



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