

EDP Series GPON ONU

Optical



Product Overview

The EDP Series is a GPON-technology-based gateway ONU designed for home and SOHO (small office and home office) users. It is designed with one optical interface which is compliant with ITU-T G984.X and ITU-T G.988 Standards. The fiber access provides high-speed data channels and meets FTTH requirements, which can provide enough bandwidth Supports for a variety of emerging network services. Options with two POTS voice interfaces, three channels of 10/100M self-adaption and one channel of 10/100/1000M self-adaption Ethernet interface are provided, which allow simultaneous use by multiple users. Moreover, it has an option with 802.11b/g/n Wi-Fi interface. It supports flexible applications and plug and play, as well as provides high-quality voice, data and high-definition video services to users.

Note that pictures of the product differ for different models of the EDP Series. Refer to ordering Information section for details on the options.

Features

- Use point to multipoint network topology, effectively collect user dispersing Ethernet services and convergence, providing four 10/100M self-adaptive Ethernet interfaces and one WIFI interface (external dual antenna) on the user side;
- Dynamic bandwidth allocation mechanism enables all users to share the bandwidth of 1.25Gbps reasonably, to realize the reliable quality of service (QoS), to ensure the quality of service of different services in a same network;
- Support multicast VLAN; support IEEE 802.1Q VLAN ;
- Use G/EPON uplink and meet IEEE802.3ah standards;
- Provide OLT remote management; support local console management; support user-side Ethernet interface line loopback detection;
- Support DHCP Option60 to report physical location information of the Ethernet interface;
- Support PPPoE + for accurate identification of users;
- Support IGMP Snooping;
- Supports broadcast storms relieving;
- Support 802.11b / g / n(WIFI);

System Requirements

Before installing EDP Series GPON ONU, please check the following items:

1. Application service:
You need to apply to the Internet service provider (ISP) application service, through the PON access mode, to access to the Internet service provider service implementation. The ISP must provide you with at least a legal IP address(static allocation and dynamic allocation)
2. Hardware support:
The computer must support 10/100Mbps Ethernet card network, or provide a 10/100Mbps Ethernet interface. Make sure the computer's access to the network is correctly installed and the network card driver and TCP/IP protocol are correctly configured with the network settings provided by the ISP.
3. Operating system:
Operating system suggestion: Windows 98SE, Windows ME, Windows 2000, Windows XP.
When use the system configuration in the WEB interface, The browser requires Internet Explorer version to be at V6.0 and above. The default user name and password are root, the default IP address is 192.168.1.1.

Specifications

Environmental:

- Environmental temperature:0°C-60°C;

Operation humidity:

- 10%~85%, non-condensable

Power Supply:

- Adaptor input: 12V/1.5A, external AC-DC power adaptor
- Power consumption: less than 18 Watts

Ordering Information

Product Family		Type	#ports		# GE Port	# FE Ports		Telephony	Wi-Fi	CATV
1,2,3	4	5	6	7	8	9	10	11	12	13
EDP	-	G	1	-	1	4	-	0	0	0

Field 5 G: GPON; E:EPON

Field 6 # of PON Ports: 1 (WDM if CATV is supported) or 2 (2nd for dedicated CATV)

Field 8 # of Gigabit Ethernet Ports (0, 1 or 4)

Field 9 # of Fast Ethernet Ports (0, 1,3 or 4)

Field 11 # Ports of Plain Old Telephone System (POTS) (0,1 or 2)

Field 12 # Wi-Fi (2=2.4 GHz radio only; 5=5GHz Radio only; D=Dual band radio)

Field 13 CATV Support (0=NO support; 1=CATV support)

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