

EDP Series GPON ONU+

Optical



Product Overview

The EDP Series is a GPON-technology-based gateway ONU designed for home and enterprise access with integrated access demands of broadband/voice/data/video etc. It is designed with one optical interface which is compliant with ITU-T G984.X Standards. Four 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 the picture of the product is differ for different models of the EDP Series. Refer to ordering information section for details on the options.**

Features

- Providing complete series of FTTH solutions for pure data, double play and triple play services, both indoor and outdoor types can be applied to meet the different application environment.
- Smart connection by multiple kinds of UNIs: GE, FE, Wi-Fi.
- Support user-friendly GUI with plug-in and play capability instead of field configuration.
- High efficiency management and maintenance with port based mode configuration as well as port based status query.
- Carrier-level reliability in hardware/software and other system design to fully guarantee the normal operation of equipment

Specifications

General	
GPON Standards	ITU-T G.984.2, ITU-T G.984.3 and ITU-T G.984.4
Distance	20KM Max
Data Rates	Upstream:1.25Gbps, Downstream:2.5Gbps
Wireless Standards	IEEE802.11a/n/ac,5GHz IEEE802.11b/g/n,2.4GHz
Signal Rate	5 GHz:Up to 867Mbps 2.4GHz:Up to 300Mbps
Operation Frequency	2.4GHz and 5GHz
Receive Sensitivity	5GHz: 11a 54M: -76dBm 11ac VHT20 MCS8: -70dBm 11ac VHT40 MCS9: -65.5dBm 11ac VHT80 MCS9: -61.5dBm 2.4GHz: 11g 54M: -76dBm 11n HT20 MCS7: -74dBm 11n HT40 MCS7: -71d
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
Hardware	
Interfaces	1 x SC/APC GPON Port 4 x 10/100/1000Mbps LAN Port (optional) 2 x FXS Ports (optional) 2 x USB Ports
Buttons	Power ON/OFF Button, WPS/WiFi Button, Reset Button
Power adapter	DC 12V 1.5A
Antenna	2 x 2.4GHz&5.8GHz 5dBi fixed external antennas
Dimensions (W X D X H)	13.5cm*3.5cm*19.5cm
Software Features	
WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
VLAN	802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode
Access Control	Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
Firewall Security	DoS, SPI Firewall IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding

VOIP Features	Two RJ-11 FXS ports for connecting to analog telephones Call forwarding, Call waiting, Call block, 3-way conference call, etc.
Management	Access Control Local Management Remote Management
Internet Protocol	IPv4, IPv6
Wireless Features	EasyMesh R1 Roaming 802.11k/v/r Band Steering
Environment	
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10%~90%, non-condensing
Storage Humidity	5%~95%, non-condensing
Certifications	CE, RoHS
Package Contents	
Package Contents	1 x GPON ONU 1 x Quick Installation Guide 1 x Power Adapter

Ordering Information

Product Family		Type	#ports		# GE Port	# FE Ports		Telephony	Wi-Fi	CATV		Wall Adaptor
1,2,3	4	5	6	7	8	9	10	11	12	13	14	15
EDP	-	G	1	-	4	0	-	0	D	0	-	1

Field 5 X: XG-PON; 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, 2 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; M=Dual band with Easy-Mesh)

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

Field 15 Wall adapter: 0 (no wall adapter), 1 (North American), 2 (European)

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