

FD511TH-R460s

2.5GE XGSPON ONU



High Speed CPU



Low Power Consumption



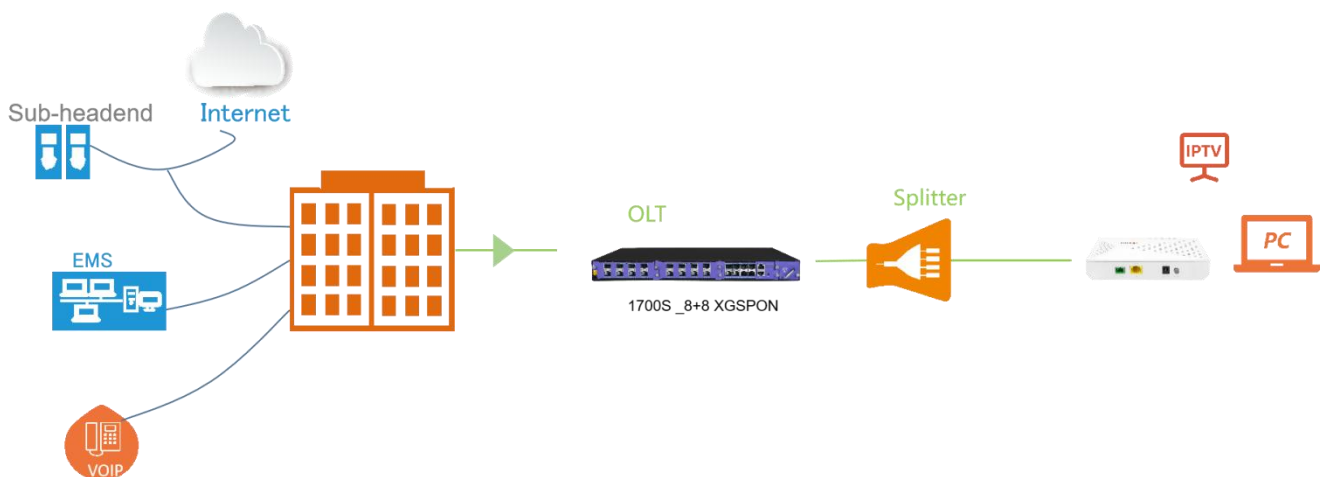
Software Customization



Optional Shell Supply

Brief Views

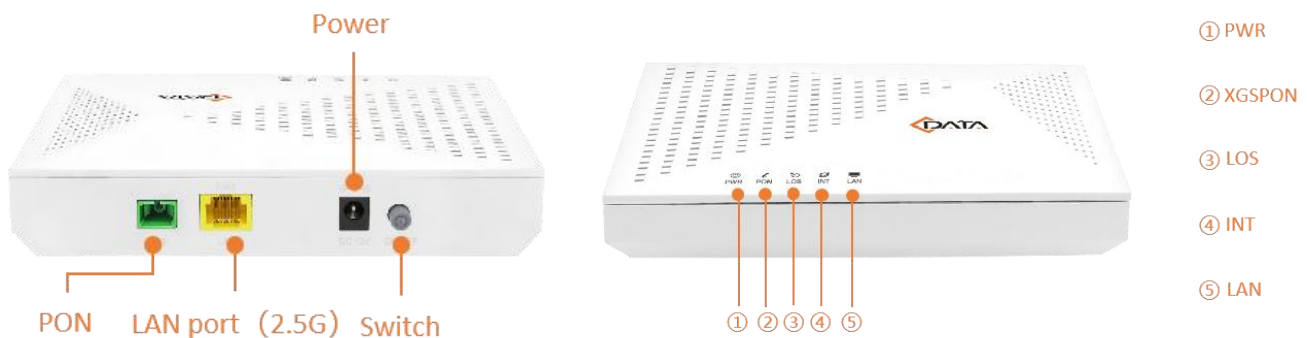
FD511TH-R460s is an indoor fiber broadband access terminal. It can be used in connection with our XGSPON OLT. It can also interconnect with the mainstream manufacture (Huawei / ZTE / Fiberhome) XGSPON OLT to provide users with Internet service based on XGSPON technology.



Functional Feature

- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support SN and LOID+Password multiple registration methods
- Support port VLAN configuration
- Support port-based rate limitation and bandwidth control
- Support port flow-control
- Support MAC address/URL filter
- Support Remote WEB/Telnet access control
- Support broadcasting storm resistance function
- Support Dynamic Bandwidth Allocation (DBA)
- Support AES encryption and decryption
- EMS network management based on SNMP ,convenient for maintenance
- Support power-off alarm function ,easy for link problem detection
- Support Firewall

Product Interface and LED



LED Definitions

Indicator		Description
PWR	Power status	On: The ONT is power on; Off: The ONT is Power off;
XGSPON	ONT Register	On: Success to register to OLT; Blinking: In process of registering to OLT; Off:Failed to register to OLT or no normal optical signal input;
LOS	PON optical signals	On: Optical power lower than receiver sensitivity; Off: Optical in normal;

LAN	LAN port status	On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection is not set up;
INT	Internet status indicator	On: The routed WAN Internet access service is normal. Off: The routed WAN Internet access service is abnormal.

Product Specification

Mechanics

Dimensions	160mm(L)*112mm(W)*32mm(H)
Weight	About 200g

Hardware

User Port (LAN)		RJ-45 connector	
		2.5GE	
		Full/half duplex	
		Auto MDI/MDI-X	
Indicators		PWR / XGSPON / LOS / LAN / INT	
PON Port	PON Mode	XGSPON: FSAN G.9807.1 standard	
	PON Rate	XGSPON: 10Gbps/10Gbps downstream/upstream	
	Wavelength	Transmit: 1270nm	Receiver: 1577nm
	Receiving sensitivity	XGSPON: -28dBm	
	Saturated power	XGSPON: -9dBm	
	Average sending	XGSPON: +4~+9dBm	

Environment

Working temperature	0 to 40° C
Operating humidity	10% ~ 90% (Non-condensing)

Power

External 12VDC/1A power supply adapter	
Power consumption	<8.1W

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