



ONTX-S425H

XGS+3GE LAN+2.5G LAN
XGSPON/Symmetric-10G-EPON
Product introduction

ONTX-S425H provides industrial-grade high-reliability ONU. By optimizing software and hardware processing, it supports lightning protection of up to 4 kV and high temperature resistance of up to 65 degrees, and supports docking compatibility with OLT of various manufacturers. What's more, it supports Gigabit ports, and ensures smooth transmission under large burst video traffic. The metal shell has good field adaptability while ensuring heat dissipation.

Features: -----

- Compliance with IEEE 802.3av(10G EPON) & ITU-T G.9807.x(XGSPON) standard
- Support Layer 2 802.1Q VLAN, 802.1P QoS
- Support IGMP V2 snooping
- Support lightning protection of up to 4 kV
- Support port loop detection
- Support port rate limit
- Support hardware watchdog
- Support bi-directional FEC
- Support dynamic bandwidth allocation function
- Support LED indication
- Support remote upgrade by olt and web
- Support factory settings restore
- Support remote reset and reboot
- Support dying gasp outage alarm
- Support data encryption and decryption
- Support sending device alarm to OLT
- supports docking compatibility with various OLT

Highlights: -----

- Support docking compatibility with OLT of various manufacturers
- Support automatically adapt to the 10G EPON or XGSPON mode used by the peer OLT
- Support port loop detection and rate limit
- Support lightning protection of up to 4 kV and high temperature resistance of up to 65 degrees

Hardware Specifications: -----

- interface: 1*10 G EPON/XGSPON+3*GE+1*2.5GE
- Power adapter input: 100V-240V AC, 50Hz-60Hz
- Power Supply: DC 12V/1A
- Indicator light: SYSTEM/POWER/PON/LOS/
LAN1/ LAN2 / LAN3/ LAN4
- Button: Power switch Button, Reset Button
- Power Consumption: <12W
- Working temperature: -30°C ~ +65°C
- Environment humidity: 5% ~ 95%
(non-condensing)
- Dimension: 125mm x 120mm x 30mm
(L×W×H)
- Net Weight: 0.42Kg

PON Interface: -----

- Interface Type: SC/UPC, CLASS B+
- Transmission distance: 0~20km
- Working wavelength:
XGSPON : Up 1270nm ; Down 1577nm ;
Symmetric 10G-EPON : Up 1270nm ; Down
1577nm;
- RX Optical power sensitivity: -27dBm(XGSPON)
- RX Optical power sensitivity: -27dBm
(Symmetric10G-EPON)
- Transmission rate:
XGSPON Up 9.95328 Gbps; Down 9.95328 Gbps
Symmetric10G-EPON Up 10.3125 Gbps; Down 10.3125
Gbps

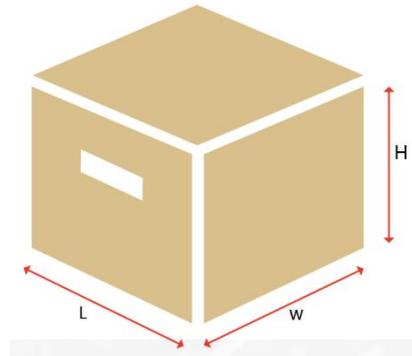
Ethernet Interface : -----

- Interface type: 4* RJ45
- Interface parameters:
10/100/1000BASE-T+2.5GBASE-T

Packing list: -----

- ONU * 1 PC
- Power adaptor *1 PC
- Network cable *1 PC
- Box *1 PC

Packing size: -----



Measurement: 18.7* 13.5 * 80 cm, 0.61kg

Interface and Button: -----



Application Scenario: -----

