

DYSG611

1GE Ethernet ports GPON ONU for FTTH solution

Description:

DYSG611 is GPON ONU terminal devices designed for fulfilling FTTx and triple play service demand of fixed network operator or cable operators. This box is based on the stable and mature Gigabit GPON technology, which has high ratio of performance to price, and the technology of Layer 2 Ethernet switch. It is highly reliable and easy to maintain, with guaranteed QoS for different service.



Basic Characteristics

Tech parameters	description
Up-link interface	1 GPON interface , SC single mode single fiber RX 2.488 Gbits/s rate and TX 1.244 Gbits/s rate Fiber type : SC/UPC Optical power : 0~4 dBm Sensitivity : -28 dBm safety: ONU authentication mechanism
Wavelength(nm)	TX 1310nm , RX 1490nm
Fiber connector	SC/UPC connector
Down-link data interface	1*10/100/1000M auto-negotiation Ethernet interface, RJ45 interface
Indicator LED	4 pcs
DC supply interface	input + 12V 0.5A
Power	≤5W
Operating temperature	-5 ~ +55℃
Humidity	10 ~ 85% (non-condensation)
Storage temperature	-30 ~ +70℃
Dimension (MM)	85*85*28mm (mainframe)
Weight	0.24Kg (mainframe)

Definition of indicator LED

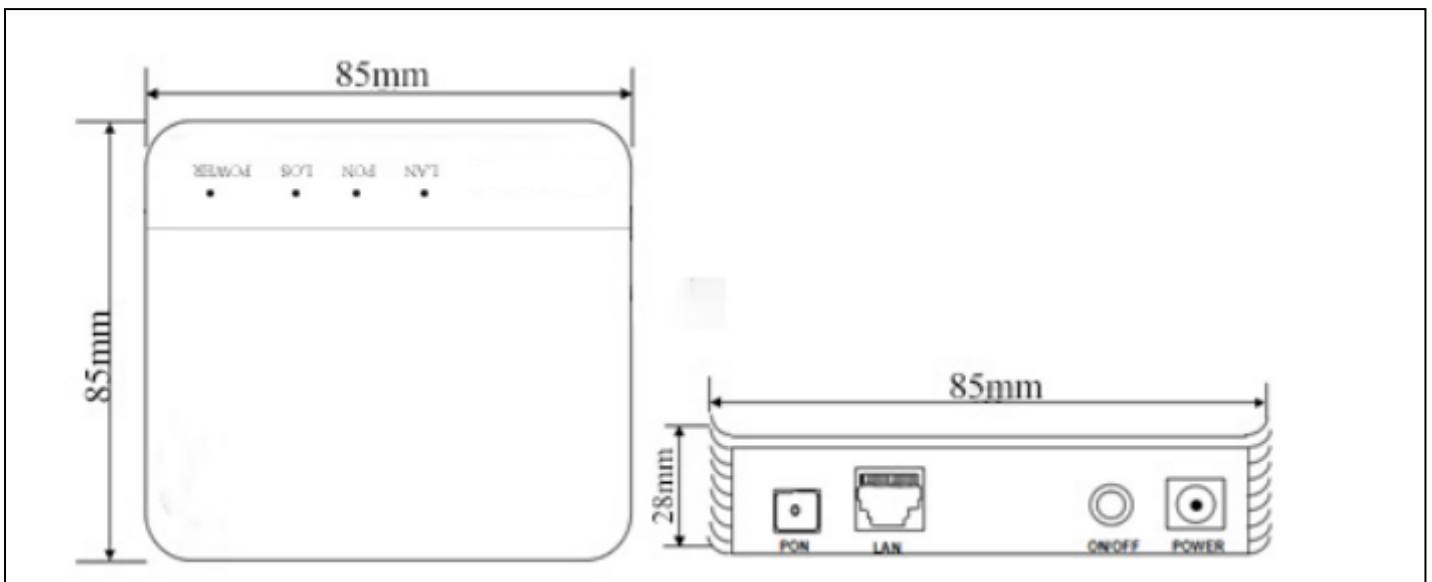
symbol	color	meaning
PWR	green	ON:successfully connect with power OFF:fail to connect with power
PON	green	ON:ONU port Link link correctly Flicker: PON registering OFF:ONU ports link link faulty
LAN	green	ON: Link up correctly Flicker: data is transmitting OFF: link down faulty
LOS	red	Flicker: fail to connect with PON port OFF: detected fiber to input

- λ Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- λ Completely compatible with GPON international standard IEEE802.3ah/802.3-2005
- λ Support China Telecom GPON CTC3.1 standard and expand OAM
- λ Support DBA reporting mechanism request
- λ Support OAM (Link, Test, Loop back)maintenance function defined IEEE802.3ah
- λ Support the remote upgrade and download
- λ Support to save configured parameters if power down
- λ Support to configure the work mode at the user port
- λ Support MDI-MDIX automatic-detection at the user port.
- λ Support access authentication based on serial number
- λ Support access authentication based on MAC address
- λ Support 802.1Q VLAN
- λ Support rich QinQ VLAN functions and IGMP Snooping
- λ Support traffic rule to modify the related priority.
- λ Support to restore the factory settings
- λ Support the remote reset and reboot
- λ Support dying gasp outage alarm
- λ Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.

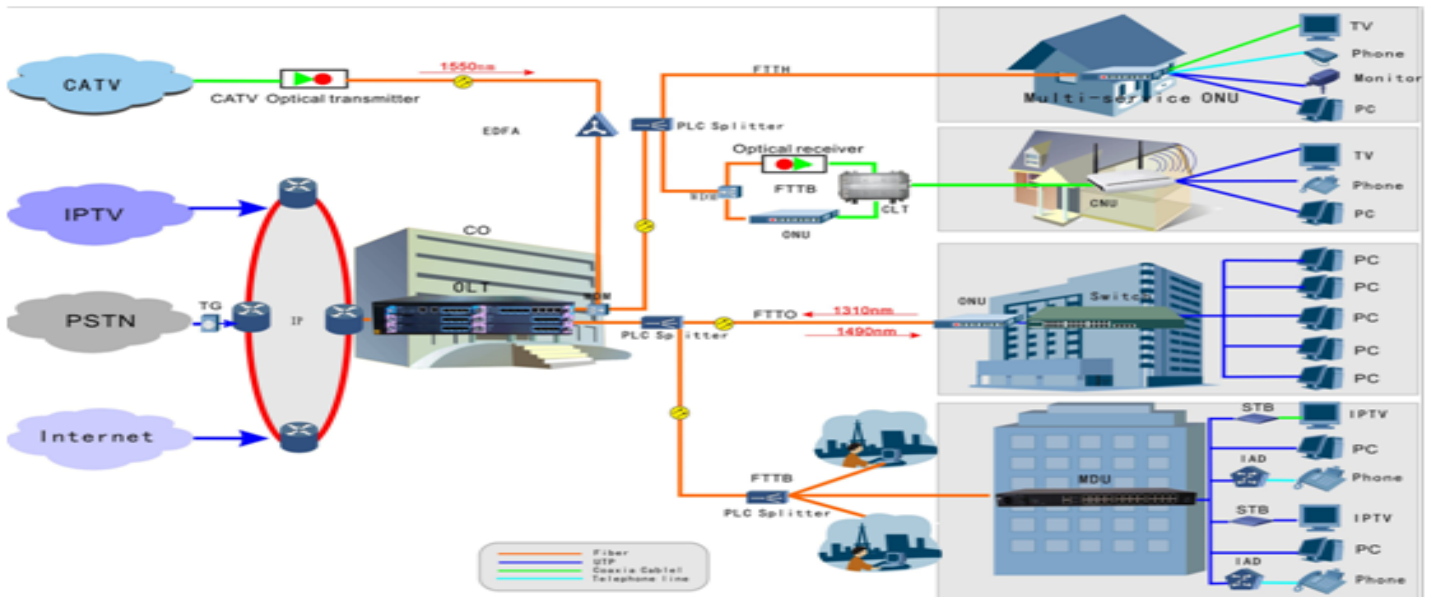
Physical Pic Reference :



Chassis Dimension



Solutions:



Ordering Information:

Product name	Product description
G611	1*GPON(1490nm Rx,1310nm Tx,20Km,SC),1*10/100/1000Base-T,12V Power supply