

OPTICAL NETWORK UNIT [ONU-G-11]

Fiber Products, Premise

TaiTin

Description

Taikan's ONU-G-11 is a high performance, economical terminal device designed for Passive Optical Networks. The device has one 10/100/1000M base-t Ethernet Port and one PON port to transmit voice, data and video services.

Some additional features include remote upgrade and download, easy to read status indicator lights and high level of encryption security with transmission distances up to 20 km.

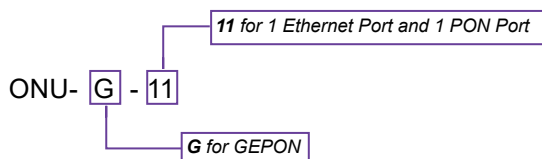


* Image is for reference only, product may appear different

Features

- Adheres to IEEE802.3/802.3 standards
- Powerful L2 switch function
- High rate PON: up/down – bound symmetry 1 Gb/s data, VOIP language and IPTV
- ONU subscriber authentication, auto-identification, plug and play, DBA dynamic bandwidth distribution
- Qos Functions based on the service level agreement
- Remote management functionality supported by the power OAM function
- Metal housing , supplies safeguards to optical electrical sensing devices
- High output level supports multiple users

Ordering Information



Model Number

Description

ONU-G-11

GEPON Optical Network Unit, 1 LAN Interface Port

Optical Specifications

Interface Type	SC/UPC
Maximum Splitting Ratio	1:64
Speed	1.25 Gbps Symmetry at the Upper and Lower
Sent Wavelength	1310 nm
Received Wavelength	1490 nm
Optical Output Power	-1 ~ + 3 dBm
Receiving Sensitivity	< -26 dBm
Optical Link Budget Loss	29 dB
Farthest Distance Between OLT and ONU	20 km
Transmit Rate	1 Gbps Up (down bond symmetry)

Network Specifications

Subscriber Identification	ONU IEEE802.1x
Service Quality	QoS IEEE802.1p IPV4 TOS priority
Dynamic Bandwidth Allocate	DBA The biggest bandwidth of every ONU subscriber and assures proper allocation quality
L2 Switch Function	MAC address management: 8K Rate Limiting; Supports IGMP Snooping (V1/V2) inquiry Supports IEEE802.1d STP; Supports IEEE802.1q VLAN
Management Mode	Web Server , SNMP data collect, remote escalation built-in software by HTTP
LAN Interface	Standard Appliance: IEEE802.310Base-t, IEEE802.3u 100Base-Tx/Fx IEEE802.3x Electrical Type and Quantity: 1 RJ45, 10M/100M/1000M Ethernet network port

General Specifications

Power supply	DC +12V (± 1.0 V)
Maximum power consumption	≤ 6 W, Typ 4 W
Working temperature	-20 °C ~ +50 °C
Relative humidity	5% ~ 95%
Storage temperature	-40 °C ~ 85 °C
Weight	< 2000 g
Dimensions	100 x 98 x 24 mm (3.9 x 3.9 x 1 in.)