

PRODUCT DATA SHEET

4GE Triple-play services GPON ONU

Overview

To deliver triple-play services to the subscriber in Fiber-to-the-Home or Fiber-to-the-Premises application, the GPON RGU (Residential Gateway Unit) NTFGN-04GS-2VTW incorporates interoperability, key customers' specific requirements and cost-efficiency.

Equipped with ITU-T G.984 compliant 2.5G Downstream and 1.25G Upstream GPON interface, NTFGN-04GS-2VTW supports the full Triple Play of services including voice, video, and high speed internet access service.

Compliant with standard OMCI definition NTFGN-04GS-2VTW is manageable at remote side and supports the full range FCAPS functions including supervision, monitoring and maintenance



Features

ITU-T G.984.x compliant GPON ONT

1 GPON port, 4 10/100/1000Base-T Ethernet interface, 2Pots interface

1 RF Video interface and WIFI supported.

4K VLAN, 1K MAC table

Plastic shell for indoor installation

Powerful QOS abilities

Specification

Uplink port	1 GPON port(SC/PC,SFF)		<ul style="list-style-type: none"> Compliant with ITU-T G.984 GPON standards Multiple T-CONTs/GEM Ports per device Activation with automatic discovered SN and password in conformance with ITU-TG.984.3 FEC (Forward Error Correction) in both directions Support Multicast GEM port and incidental broadcast GEM port
Service Port	4 10/100/1000Base-T Ethernet interface, 2 Pots interface, 1 RF video interface. Support WIFI	Ethernet Interface	<ul style="list-style-type: none"> Auto negotiation or manual configuration IEEE802.1D and IEEE802.1Q bridging VLAN tagging/detagging/QINQ/VLAN translation
Weight	<1.4KG	WLAN	<ul style="list-style-type: none"> Compliant with IEEE 802.11 b/g/n Multiple SSIDs , Bandwidth: 2.4GHz 64/128bit wireless encryption protocol (WEP)
Power Consumption	< 13W	QOS	<ul style="list-style-type: none"> Port-based/802.1p/IP-TOS priority 4 priorities control
Power Supply	Additional power adaptor: 100-240VAC/50-60Hz input, 12VDC/1A output	VLAN	<ul style="list-style-type: none"> 802.1Q vlan, Port-based VLAN VID and PVID Configure tag attribution based on port VLAN
Dimension	228mm x176mmx 41mm (Wx D x H, without bracket) 228mm x176mmx 49mm (W x D x H, with bracket)	MAC	<ul style="list-style-type: none"> 1K MAC table
Operation Environment	Temperature:-10 ~ 55 Humidity: 5% ~75% relative humidity	Multicast	<ul style="list-style-type: none"> Standard compliant OMCI interface as defined by ITU-T G.984.4 and G.983.2 Compliant to TR-069