GPON ONT GN2000-04S
Product Introduction

1. Overview

Integrated with powerful interoperability and low cost, GPON GN2000 series ONU provide triple-play services to the subscribers in FTTx application.

Equipped with2.5G Downstream and 1.25G Upstream GPON interface compliant with ITU-T G.984 standard, GN2000 series ONU support the comprehensivetriple-playservices, including voice, video (IPTV or VoD), and high-speed internet access service.

2. Hardware Specification

Specification		GN2000-04S
PON Interface	Rate	Upstream：1.244Gbps Downstream：2.488Gbps
	Interface standard	Class B+
	Optical output rate	+0.5~+5dBm
	Receiving sensitivity	-27dBm
	Receiving saturability	-8dBm
Service Interface	PON interface	1
	Data interface	1*10/100/1000Base-T,3*10/100Base-T

Product Datasheet

Dimension	170mm(L)*120mm(W)*30mm(H)	
Weight	240g	
Power Supply	External power adapter, 12V/1.5A	
Power Consumption	<18W	
Working Environment	Temperature	0ºC to +40º C
	Humidity	5% to 90%　(no condensing)

3. Software Feature

Feature	GN2000-04S
GPON feature	• Compliant with ITU-T G.984 GPON standard • FEC (Forward Error Correction) in both upstream and downstream • Dynamic bandwidth status report • 802.1p mapper for upstream • QoS scheduling based on SP or WRR between GEM port and T-CONT • Downstream multicast GEM port and broadcast GEM port
Ethernet Feature	• Support Auto-speed and MDI/MDIX auto detection • Internal L2 switch • Advanced data processing function, such as VLAN label processing, flow classification and packet filtering.
OAM feature	• Standard OMCI (the embedded operations channel)compliant with ITU-T G.988 • Alarm reporting, performance monitoring • Remote software upgrade through OMCI

4. Ordering Information

Model	Product Description
GN2000-04S	GPON ONU 1GE+3FE, plastic shell, external power adapter