



GCOM GPON Optical Network Unit

GN2000-01G 1-Port GPON ONU

Product Overview

GN2000-01G is designed for GPON ONU device with plastic shell by GCOM. GN2000-01G GPON ONU satisfies IEEE 802.3u standard and supports 1000M access to the user side. It is a low cost and high speed ONU access device installing in the indoor and corridor with the deployment of FTTH, FTTO, FTTB.

GN2000-01G transmits data, voice and digital video by flexible PON network structure. It provides uplink speed rate of 1.25Gb/s, downlink speed rate of 2.5Gb/s to share high speed bandwidth for users.



Product Specification:

Hardware Feature	
Fixed Port	1 x 10/100/1000M Base-TX 1 x 1000M PON(SC)
PON Feature	Uplink Transmission Rate : 1.25Gbps Downlink Transmission Rate : 2.5Gbps Network Coverage Radius : 20km Optical Receiver : $\geq -26\text{dBm}$ Luminous Power : $>0\text{dBm}$ Security : ONU Authentication Mechanism
Indicator	Each Port : Link/Act Each Device : Power/LOS/ALARM
Dimension	110mm x 90mm x 26mm (W x D x H)
Voltage	External Power Adaptor 100-240VAC/50-60Hz Input, 12VDC/1A Output
Max Power Consumption	10W
Environment	Working Temp : $15^{\circ}\text{C}\sim 50^{\circ}\text{C}$; Working humidity : 5%~90% Non Condensing
	Storage Temp : $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$ Storage Humidity : 5%~95% Non Condensing
Software Feature	
Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ah, IEEE 802.3ad
Configuration Management	CLI, WEB, SNMP