

## GP-601

### GPON ONU with Single GE

#### Product Overview

GOSPELL's GP-601 is an ITU-T G.984.x compliant GPON Optical Network Unit (ONU) for Fiber-To-The-Home (FTTH) deployment, providing broadband network access for families. GP-601 offers one PON port and one Gigabit Ethernet user port, delivers up to 1000Mbps of data rate.



GP-601 provides four front panel LED status indicators for visual indication of operational status, it features a Web-based user interface that easy for device installation and remote troubleshooting.

#### Main Features

- ITU-T G.984 Class B+ GPON ports, up to 20Km of transmission distance
- One Gigabit Ethernet port, supporting up to 1000Mbps of data rate
- Powerful QoS, supports broadband access, voice and IPTV/OTT services
- Supports Unicast and Multicast, VLAN, IGMP Snooping
- Supports DBA, MAC and Port-based speed limitation and bandwidth control
- Supports CLI, Telnet, Web management and remote firmware upgrades

#### Technical Specifications:

##### PON Port

Interface	1 x GPON Class B+ Port
Standard	ITU-T G.984
Transmission Distance	20km
Transmission Rate	Rx: 2.5Gbps, Tx: 1.25Gbps
Wavelength	Rx: 1490nm, Tx: 1310nm
Connector	SC/UPC
Optical Fiber Type	single mode, single fiber

##### LAN Port

Interface	1 x 100/1000Base-T
Standard	IEEE 802.3
Connector	RJ-45

Others	Auto MDI-X, Auto-Negotiation
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## Management and Maintenance

Protocol	CLI, Web and SNMP
Functions	Graphical user interfaces, supports parameter settings and management, status monitoring and software upgrades

## Miscellaneous

Front Panel	4 x LED Indicator, for Power, PON and LAN port status indication
Rear Panel	1 x DC Power Jack

## Power Supply

Power Supply	DC 12V Input External AC Power Adapter (with 100-240V, 50/60Hz AC Input, +12V DC Output)
Power Consumption	2.5W (Typ.)

## Environmental

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 75°C (-40°F to 167°F)
Operating Humidity	Up to 90%, non-condensing

## Mechanical

Product Dimensions (W x H x D)	105mm x 25mm x 75mm (4.1" x 1.0" x 3.0")
Product Weight	Approx. 0.15Kg (0.33 lbs)
Carton Dimensions (W x H x D)	200mm x 80mm x 100mm (7.9" x 3.2" x 3.9")
Gross Weight	Approx. 0.25Kg (0.55 lbs)

## Ordering Information:

### Hardware Options

Ordering Codes	Descriptions
GP-601	GPON ONU w/1 x PON Uplink Port(SC), 1 x GE, AC Power Adapter

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## For More Information

Please visit our website: <http://www.gospell.com> or contact your local sales representative:

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