PREVAIL

WGP3200-S-01 XPON ONU

WGP3200-S-01 is a residential gateway device with routing functions for XPON ONU and LAN Switch for residential and SOHO users, which is in line with ITU-T G.984 and IEEE802.3ah.

The uplink of **WGP3200-S-01** provides one PON interface, while downlink provides one Ethernet. It can realize optical access solutions such as FTTH (Fiber To The Home) and FTTB (Fiber To The Building). It fully integrates the reliability, maintainability and security design of carrier-grade equipment, and provides customers with the last kilometer of broadband access to residential and corporate customers.

Software Characteristic(GPON)

Standard Compliance	■ Comply with ITU-T G.984/G.988 ■ Comply with IEEE802.11b/g/n ■ Comply with China Telecom/China Unicom GPON Interoperability Standard
GPON	■ Support for the ONT registration mechanism ■ Support DBA ■ Support FEC ■ Support link encryption ■ Supports the maximum effective transmission distance of 20 km ■ Support long illuminating detection and optical power detection ■ Support wan config,IPOE PPPOE Bridge mode
Multicast	■ IGMP V2 Proxy/Snooping
Management & Maintenance	■ Support web management ■ Support CLI/Telnet management ■ Support port loopback detection
Compatibility	■ Support the connection with the business competitor's OLT and its proprietary protocols, including Huawei, H3C, ZTE, BDCOM, RAISECOM,

and so forth.

Software Characteristic(EPON)

Standard Compliance	■ Comply with IEE802.3ah EPON ■ Comply with CTC3.0
EPON	■ Support for the ONT registration mechanism ■ Support DBA ■ Support FEC ■ Support link encryption ■ Supports the maximum effective transmission distance of 20 km ■ Support long illuminating detection and optical power detection ■ Support wan config,IPOE PPPOE Bridge mode
Multicast	■ IGMP V2 Proxy/Snooping
Management & Maintenance	■ Support web management ■ Support CLI/Telnet management ■ Support port loopback detection
Compatibility	■ Support the connection with the business competitor's OLT and its proprietary protocols, including Huawei, H3C, ZTE, BDCOM, RAISECOM, and so forth.

Hardware Specifications

Item	Specification
PON Interface	Interface Type: SC/PC, CLASS B+
	Rate: Uplink: 1.25Gbps; Downlink: 2.5Gbps
User-Side Interface	1*10/100/1000BASE-T
Size (mm)	78(L)×78(W)×21(H)
Maximum Power Consumption	<5W
Weight	60g
Operating Environment	Temperature: -10°C ~ 55°C
	Humidity: 5% ~ 95% （no condensation）
Power Supply	External Power Adapter 12V/0.5A
Power Adapter Input	100-240V AC, 50/60Hz
Power Interface Size	metal inner diameter: φ2.5±0.1mmouter diameter : φ5.5±0.1mm; length: 9.0±0.1mm

LED Definitions

	State	Color	Descriptions
PWR	Solid	Green	Normal
	Off		No power
PON	Solid	Green	ONU is authorized
	Flash		ONU is Registering
	Off		ONU is not authorized
LOS	Solid	Red	Abnormal
	Flash		In diagnostic mode
	Off		Normal
LAN 1	Solid	Green	Link UP
	Flash		Active(Tx and/or Rx)
	Off		Link down