

ONTG-1GP-S

GPON



The **ONTG-1GP-S** optical receiver completes the range of the Fracarro ONT family, fitting into a business market segment thanks to greater versatility and the ability to support devices in the field that require power.

The 1 Giga Ethernet port is equipped with PoE/PoE+ functionality compatible with IEEE802.3ah capable of powering IP cameras, VoIP phones, access points, etc.

ONTG-1GP-S receiver meets FSAN ITU-T G.984.2 standard protocol, supports 1.25Gbps/2.5Gbps asymmetric uplink/downlink speed.

Technical Chars

- XPON support
- PoE/PoE+
- Supports VLAN capabilities and IGMP multicast snooping capabilities
- Network security: MAC address learning
- Smart O&M: WebUI / SNMP / CLI
- AES encryption and decryption
- Fanless and Noise-Free
- Auto MDI/MDI-X

ONTG-1GP-S		
Code		287894
Optical section		
Connector type		SC/UPC single-mode
PON ports		1x GPON Optical Interface
Optical Sensitivity		Up to -28 (@1490nm)
Wavelength	nm	Rx: 1490 / Tx: 1310
Optical sensitivity		Up to -28 (@1490nm)
Max. speed		1.25Gbps (Uplink) / 2.5Gbps (Downlink)
Optical saturation	dBm	-8
Ethernet Section		
LAN ports		• 1 x 10/100/1000M (auto negotiation Full/Half duplex) • Supports ITU-T G.984, 802.3ah standard • PoE/PoE+
POE Section		
POE management		• Support PoE/PoE+ (PSE) • Max output power per port: 30W • PoE Port AdminState • PoE Port Priority Setting • PSE Overheated Protection

Functions		
Management		OMCI, WEB and SNMP
VLAN		port VLAN configuration
MULTICAST		IGMP v2, IGMP VLAN, IGMP transparent/Snooping/Proxy mode
Security		• Firewall • MAC address/URL filter • MAC address learning/MAC address learning account limit • Remote WEB/Telnet access control • Broadcast storm suppression
Management		
Option mode		• The receiver can be managed remotely via OLT • Remote management support via SNMP and Telnet • Automatic discovery and link detection • Remote software upgrade • Port based speed limit • Port flow control • DBA (Dynamic Bandwidth Allocation)
Specifications		
Power supply voltage	V/A	48 / 0.625
Current consumption	W	≤ 27
Operating temperature	°C	Da -10 a +50
Storage temperature	°C	-10 to +50
Relative humidity	%	10 to 90 (non-condensing)
Alimentation type		External included
Dimensions and packaging		
Packing		Single
Pieces		1
Packaging dimensions	mm	170 x 90 x 33
Product dimensions	mm	127x 56 x 23
Packaging weight	kg	0.170
Weight	kg	0.130