ONTG-4GP-S

GPON

The **ONTG-4GP-M** 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 4 Giga Ethernet ports are in fact equipped with PoE/PoE+ functionality compatible with IEEE802.3ah capable of powering IP cameras, VoIP phones, access points, etc.
ONTG-4GP-M 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-4GP-S		
Code		287788
Optical section		
Connector type		SC/UPC single-mode
PON ports		1x GPON Optical Interface
PON max. distance	Mbps	1.25Gbps (Uplink) / 2.5Gbps (Downlink)
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		4 x 10/100/1000M (auto negotiation Full/Half duplex) - Supports ITU-T G.984, 802.3ah standard - Max. 30W/port

POE Section

POE power budget	W	56
POE management		• Support PoE/PoE+ (PSE) • Max outpur 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 Bandwith Allocation)

Specifications

Power supply voltage	V	48
Power supply voltage	V/A	48 / 2.5
Current consumption	W	≤ 20
Operating temperature	°C	-30 to +65
Storage temperature	°C	-10 to +50
Relative humidity	%	10 to 90
Alimentation type		Esterno in dotazione/External supplied

Dimensions and packaging

Packing		Single
Pieces		1
Packaging dimensions	mm	225 x 170 x 55
Product dimensions	mm	150 x 115 x 30
Packaging weight	kg	1.06
Weight	kg	0.960