

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
- AES encryption and decryption
- Fanless and Noise-Free

| ONTG-4GP-S | | |
|---------------------|-----|---|
| Code | | 287788 |
| PON Section | | |
| Wavelength | nm | Rx: 1490 / Tx: 1310 |
| Max. speed | | 1.25Gbps (Uplink) / 2.5Gbps (Downlink) |
| Optical saturation | dBm | -8 |
| Optical output | | |
| Connector type | | SC/UPC single-mode |
| PON ports | | 1x GPON Optical Interface |
| Optical Sensitivity | | Up to -28 (@1490nm) |
| Ethernet Section | | |
| LAN ports | | <ul style="list-style-type: none"> • 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 | | <ul style="list-style-type: none"> • Support PoE/PoE+ (PSE) • Max output power per port: 30W • PoE Port AdminState • PoE Port Priority Setting • PSE Overheated Protection |
| Functions | | |
| Management | | OMCI, WEB e SNMP |
| VLAN | | port VLAN configuration |
| MULTICAST | | IGMP v2, IGMP VLAN, IGMP transparent/Snooping/Proxy mode |
| Security | | <ul style="list-style-type: none"> • Firewall • MAC address/URL filter • MAC address learning/MAC address learning account limit • Remote WEB/Telnet access control • Broadcast storm suppression |
| Management | | |
| Option mode | | <ul style="list-style-type: none"> • The receiver can be managed remotely via OLT DATA GPON TX • 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 | 48 |
| Current consumption | W | ≤ 20 |
| Operating temperature | °C | -30 to +65 |
| Storage temperature | °C | -20 to +65 |
| 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 | 0.970 |
| Weight | Kg | 0.480 |