# GPON-RX W-TV-P

GPON

Optical Network Terminal (ONT) to receive data via optical fibre. Ideal for broadband access, WiFi connectivity, telephony and CATV

## Technical Chars

- ONT (1 x GE+1 x FE+1 x FXS+CATV+WIFI)

| GPON-RX W-TV-P | | |
|---|---|---|
| Code | | 287562 |
| **PON Section** | | |
| Wavelength | nm | Rx: 1490 / Tx: 1310 |
| Optical sensitivity | | Down to -27 (@1490nm) |
| Optical saturation | | -8 (@1310nm) |
| Max. speed | | 1.25 (Uplink) / 2.5 (Downlink) |
| PON max. distance | Mbps | 1.25 (Uplink) / 2.5 (Downlink) |
| Optical saturation | dBm | -8 (@1310nm) |
| **Optical output** | | |
| Connector type | | SC/APC single-mode |
| PON max. distance | Mbps | 1.25 (Uplink) / 2.5 (Downlink) |
| Optical power | dBm | -8 (@1310nm) |
| Optical Sensitivity | | Up to -27 (@1490nm) |
| **Ethernet Section** | | |
| LAN ports | | • 1 x 10/100M, 1 x 10/100/1000M (auto negotiation in full/half duplex mode)<br>• RJ45 Connector, Auto MDI/MDI X |
| **POTS Section** | | |
| Connector type | | RJ11 (1x FWS) |
| Standard | | G.711A/G.711U/G.723/G.729 codec T.30/T.38/G.711 Fax mode, DTMF Relay |

| | | |
|---|---|---|
| **Management** | | |
| Option mode | | • The receiver can be remotely managed via DATA GPON TX<br>• Remote management support via SNMP and Telnet<br>• Local network management from command line and WEB interface<br>• Status monitoring, configuration, alarm management, log management (events) |
| Management mode | | Bridging and Routing |
| **CATV Section** | | |
| Connector | | F female |
| Optical input level | dB | -18 to ±2 |
| Output level | dBµV | 82 (@ -7dBm) |
| RF frequency range | MHz | 14 - 1000 |
| Wavelength input | nm | 1550 (±10) |
| Optical return loss | dB | 45 |
| Impedence | ohm | 75 |
| **Wifi Section** | | |
| Working mode | | Router or Bridge |
| Standard compatibility | | IEEE 802.11bgn |
| Bitrate | | 300 |
| 2.4GHz frequency range | GHz | 2.400 - 2.483 |
| Encryption | | 802.11i security: WEP-64/128, TKIP (WPA-PSK) and AES (WPA2-PSK) |
| **Specifications** | | |
| Power supply voltage | V/A | 12 / 0.5 (power supply included) |
| Current consumption | W | <10 |
| Operating temperature | °C | -5 to +55 |
| Storage temperature | °C | -30 to +60 |
| **Dimensions and packaging** | | |
| Packing | | Single |
| Pieces | | 1 |
| EAN code | | 8016978104024 |
| Packaging dimensions | mm | 290 x 155 x 50 |
| Product dimensions | mm | 185 x 33 x 122 |
| Packaging weight | Kg | 0.49 |
| Weight | Kg | 0.3 |