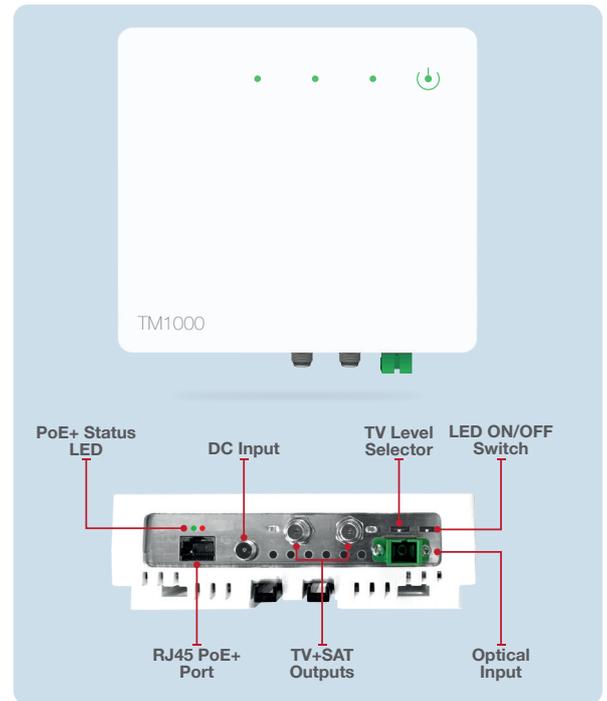


# TM1000-PTS

## Multiservice DATA/TV/SAT Receiver

- Remote management via OLT
- Single optical input with integrated WDM
- PoE+ power supply function
- TV Terrestrial with adjustable output level
- Satellite SCR/dCSS Legacy auto-select
- DIN-rail power supply included
- Wall-mountable or DIN rail bar

**Professional multiservice ONT** for receiving IP services from a GPON network and Satellite and Terrestrial TV broadcasts over a single fiber-optic connection. The integrated PoE function simplifies installations that typically require remote power, such as IP video intercoms, IP cameras, and access points.



MODEL		TM1000-PTS
DESCRIPTION		DATA / TV / SAT
POE CAPABLE		✓
N° SC/APC OPTICAL INPUT	n°	1
N° TV TERR./SATELLITE OUTPUTS	n°	2
<b>DATA</b>		
RECEPTION OPTICAL SENSITIVITY	dBm	-27
TRANSMISSION OPTICAL POWER	dBm	+4
MAXIMUM SPEED	Gbps	1,25 UPLINK / 2,5 DOWNLINK
OPTICAL WAVELENGTHS	nm	Rx 1.490 / Tx 1.310
<b>ETHERNET</b>		
LAN		1X10/100/1000 with Full / Half Duplex auto-negotiation
CONNECTION		Connector RJ45 Auto MDI/MDI X
<b>POE SECTION</b>		
POE MANAGEMENT		PoE / PoE+
MAXIMUM POWER	W	30
<b>SATELLITE</b>		
RECEPTION OPTICAL SENSITIVITY	dBm	-13
BANDWIDTH	MHz	950... 2150
SCR/dCSS OUTPUT LEVEL	dBµV	85
LEGACY OUTPUT LEVEL	dBµV	75
SCR / dCSS STANDARD		EN50494 - EN50607
LEGACY STANDARD		13/18/22KHz
NUMBER OF USER BAND PER OUTPUT		16
<b>TV TERR./FM/DAB</b>		
RECEPTION OPTICAL SENSITIVITY	dBm	-13
BANDWIDTH	MHz	80... 862
OUTPUT LEVEL (Adjustable)	dBµV	65/75/85
<b>COMMON</b>		
INPUT VOLTAGE	VDC	48
MAXIMUM CONSUMPTION	W	7
DIMENSIONS	mm	145x145x40
POWER SUPPLY INCLUDED		IN 100 ÷ 240V / OUT 48V (Adj. ±1V) 1.25A / 60W (with DIN-rail mounting))

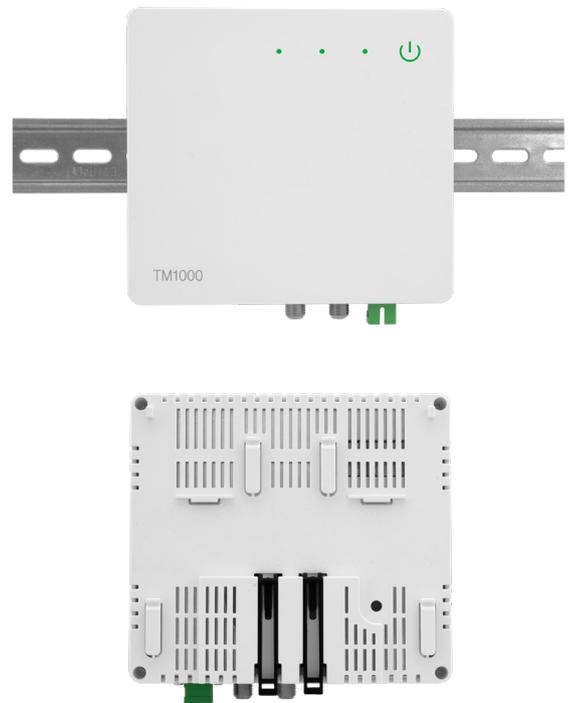
## Wall Mounting

The TM1000-PTS multiservice ONT can be wall-mounted using the supplied base plate, which can be attached to the back of the device.



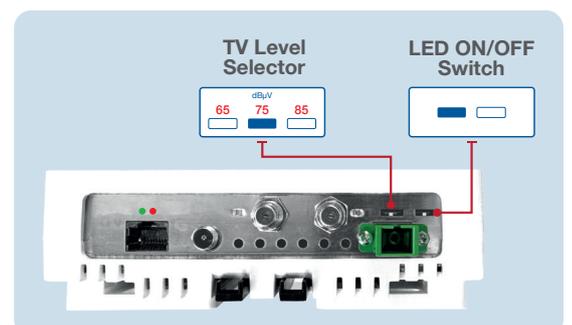
## DIN Rail Mounting

The TM1000-PTS multiservice ONT feature an integrated quick-release DIN-rail mount.



## TV Output Level Adjustment and LED Monitor Switch-Off Option

The TM1000-PTS multiservice ONT feature a selector to switch off the monitor LEDs and a selector for adjusting the terrestrial TV output level, with three selectable levels.



# TV + Satellite + IP Video Door Entry System Diagram

System diagram with single-fiber distribution of terrestrial TV, satellite TV, and an IP video intercom powered directly by the TM1000-PTS terminal with integrated PoE+ functionality.

