

and extended campus environments. It can be mounted in zone box, in-wall NEMA enclosure, secured to a wall, mounted underneath a desk or be free-standing on a desktop.

Video

The Tellabs 142R ONT is an excellent choice for all forms of enterprise video such as entertainment, security, video conferencing, high-end telepresence conferencing, telepresence robotics and surveillance. Depending on the necessary video content, whether RF or IP format, the ONT supports both. When deploying RF video services, the Tellabs 142R ONT provides a standard coaxial (F-connector) interface supporting 54-870 MHz CATV AM-VSB service over the 1550 nm optical wavelength on the PON. This standard is in compliance with ITU-T G.984.4.

Specifications

Physical

- Height: 1.34 in / 34.03 mm
- Width: 8.66 in / 220 mm
- Depth: 6.30 in / 160 mm
- Weight: 1.0 lb/.45 kg

Interfaces

- SC-APC / G-PON (G.984) uplink: 1
- RJ-45 / Gigabit Ethernet w/PoE: 4
- RJ-11 / POTS Voice: 2
- F-Connector / RF Video: 1

Power

- Input at ONT (Volts): 50-57Vdc
- Consumption Idle (Watts): 5W
- Consumption w/o PoE Max (Watts): 13W
- Consumption w/PoE Max (Watts): 75W
- Max Draw at ONT (Amps): 1.38A

Local Power Options

- Power Supply Unit (PSU): not included
- PSU Part Number: 81.11P-PWIL81WM
- PSU Consumption: 100-240VAC @ 1.5A
- ONT Power Connector: B-Type

Remote Power Options

- ONT Power Connector: Molex

