

DATA SHEET

GPON

GPON ONU with 8 x FE Reverse POE Ports CGR8ONU



CGR8ONU EXTERNAL VIEW



CGR8ONU INTERNAL VIEW

Overview

The C-COR CGR8ONU GPON ONU with reverse Power Over Ethernet (POE) is a high-performance optical GPON ONU solution offering economical endpoint connection via 8 RJ45 LAN ports.

The reverse POE option allows the ONU unit to be located conveniently to allow distribution of up to 8 Cat5 Ethernet connections allowing one or more LAN ports to power the ONU unit using POE. The total power consumption of the ONU unit is a low 5 Watts.

The high impact ABS casing in Telco Grey is provided with antitamper screw closing, wall mounting screw points and swing out access to the active board and cable management fixtures.

A fibre management spooling facility is provided behind the main active board and is accessed by swinging the board out on its mounting plate hinges.

The enclosure is designed to resist ingress of dust and water splashes including rain with a nominal IP54 rating.

LEDs indicate Power, Optical link status and Ethernet activity on each port.

The C-COR CGR8ONU ONU is very easy to install and operate with easy mechanical access and system configuration via Web, Application or Command Line Interface.

Mechanical

Dimensions (Height x Width x Depth)	100 x 259 x 280 mm
--	--------------------

Weight	1.4 kg
---------------	--------

Features

- 8 x 100BaseT (FE) Ports
- Reverse POE Function
- GPON Single Fibre Uplink
- 5W Power Consumption
- ABS Housing
- IP54 Dust And Splash Resistant
- -40°C To +70°C Operation
- 4kv Surge Protection
- Remote Management
- Status LEDs



DATA SHEET

GPON

Australia Office

4 / 195 Chesterville Rd
Moorabbin VIC 3189
Australia

T. +61 3 9241 8900
F. +61 3 8542 0629
E. sales@c-cor.com.au
www.c-cor.com.au

Regional Representation
India / South Korea /
Taiwan / Singapore
E: sales@c-cor.com.au

Specifications

Item	Description
Uplink GPON	Single Mode SC/PC Connector 1490 nm optical Receiver: -27 to -8 dBm 1310 nm optical Transmitter: 0 to +4 dBm
Downlink Ethernet	8 x 10/100 BASE-TX Drop Length – Cat5: 100 Meter Max POE power input by any or all ports. 4kV surge protection
General Features	
Power Switch	On / Off
Operating Voltage	12 VDC (Optional)
Power Connection	Internal power connection option.
Power Consumption	5 Watts
Operating Temperature	-40°C to 70°C
Environmental	IP54

Ordering Information

P/N	Description
CGR8ONU	GPON ONU, 8 x FE Reverse POE Ports

@C-COR Broadband 2024
Issued. Jun 2024

Due to ongoing product development, technical specifications are subject to change without notice

Contact your local sales representative for product availability in your area and for other interface and option requirements.