

FIBERLINK 101

GPON ONU



DESCRIPTION

Fiberlink 101 ONU is part of Parks' new product line. Specially developed for FTTx networks, it is ideal for residential applications.

It operates in Bridge or Router modes, and its PPPoE support allows the Internet Provider to authenticate directly with the PBX.

It has an easy and intuitive WEB management interface with two levels of access and can be easily provisioned via Parks Easy Network View.

HIGHLIGHTS

- ✓ ITU G.984 GPON ONU
- ✓ IPv6 and IPv4
- ✓ WEB configuration interface
- ✓ Firmware update via WEB interface
- ✓ Router or Bridge
- ✓ PPPoE client
- ✓ 12V power supply
- ✓ SC / APC optical interface

IMPORTANT CONSIDERATION

- ✓ Provisioning via Parks Easy Network View with version 5.0.0.12;
- ✓ Individual firmware update via WEB interface;
- ✓ Router mode operation in OLT's firmware version 3.0.0 or higher;
- ✓ Bridge mode operation in OLT's firmware version 3.5.0 or higher;

TECHNICAL SPECIFICATIONS

INTERFACES

OPTICAL INTERFACE

GPON mode in compliance with ITU-T G.984

1490nm (Downstream) and 1310nm (Upstream) wavelengths

Data rate: 2,488 Gbit /s Downlink and 1,244 Gbit /s Uplink

RX sensibility: -8 dBm to -28dBm (± 3 dBm)

TX Power: 0.5 to +5 dBm

ETHERNET INTERFACE

1x1 10/100/1000 T Base (RJ45) port

IEEE 802.3/802.3u/802.3z compliant interfaces

ANSI/IEEE 802.3 NWay auto-negotiation

Auto negotiation and auto MDI/MDI-X

CONFIGURATION, PROVISION, AND MONITORING

GPON provision via OMCI (G.984.4)

Configuration via Web GUI (HTTP / HTTPS)

Two levels of access via WEB interface

Firmware upgrade via WEB interface

Backup / Restore Configuration

LAN AND WAN INTERFACES

Bridge Mode

Static routing IPv4 and IPv6

WAN interface connection: DHCP client, static IP or PPPoE

DHCP Server on the LAN Interface

MECHANICAL, ELECTRICAL AND ENVIRONMENTAL FEATURES

INTERFACES

WAN: SC/APC optics

LAN: RJ-45 Auto Negotiation Port and Auto MDI/MDI-X

Power Supply: 12V DC, 0.5A

POWER SUPPLY

External power source

Input: 100 to 240V / AC 50/60Hz

Output: 12V DC

ENVIRONMENT

Operating temperature: -10°C a 50°C

Relative humidity: 0 to 95% (non-condensing)

WEIGHT AND DIMENSIONS

WxHxD(mm): 130 x 32 x 102

Weight: 0,132Kg



For more information, visit www.parks.com.br.

The information presented in this document is subject to change without previous notice.