GR240P

Product Specification

www.fibernet-tech.com
Hakidma St. 9, P.O.B. 512, Hi-Tech Park, Yokneam Illit, 2069206 Israel | Tel: +972-4-909555 | Fax: +972-4-9590047 | sales@fibernet.co.il

Overview

BFW Tbit-GR240P is a rack type multi ports gpon onu. It provides 24 GE ports and supports PoE+. The device can be installed in a standard 19 inch rack.

Highlights

- ITU G.984.x GPON port with 2.488Gbps (downstream) and 1.244Gbps (upstream)
- 24 x 10/100/1000BASE-T Ethernet RJ45 Ports
- PoE/POE+ on all twenty-four ports
- -5 to 45°C operating temperature

Standard Compliance

- ITU-T G.984.x
- ITU-T G.984.2 Amendment 1, Class B+
- ITU-T G.988 OMCI
- IEEE 802.1p QoS
- IEEE 802.1q VLAN
- IEEE 802.3 Ethernet LAN
- IEEE 802.3at Types 1 and 2
- IEEE 802.3af

www.fibernet-tech.com
Hakidma St. 9, P.O.B. 512, Hi-Tech Park, Yokneam Illit, 2069206 Israel | Tel: +972-4-909555 | Fax: +972-4-9590047 | sales@fibernet.co.il

■ Specifications

General

BFW Solutions Model	BFW Tbit-GR240P
ONU Type	MDU
Uplink	GPON
Downlinks	24 x GE
Operating Temperature	-5 to 45°C
Operating Humidity	5% to 95%， non-condensing
Dimensions	440 x 225 x 44mm
Installation	Installed in a 19 inch standard cabinet

GPON

GPON Interface	1 x SC/UPC connector, single mode fiber
Standard Compliance	ITU-T G.984.2, Class B+
Transmitter rate	upstream 1.244 Gbps, downstream 2.488 Gbps
Receiver sensitivity	-27dBm
Overload optical power	-8dBm
GPON Features	Dying Gasp, Configurable AES decryption in the downstream direction

Ethernet LAN

Ethernet Interface	24 x RJ45 connectors
Standard Compliance	IEEE 802.3, 802.3u, 802.3ab
Link	Half-duplex and full-duplex operations 10/100/1000Mbps auto-negotiation and manual configuration MDI/MDIX auto detection

PoE

Standard Compliance	IEEE 802.3af , 802.3at Types 1 and 2
Power Output	Total POE power: 390W, All ports support max 30W (802.3at class 0-4)
PSE Channels	24 independent PSE Channels
Sense Resistance	0.25Ω sense resistance per channel
Power Device	Automatic detection of Power Type and Status

www.fibernet-tech.com
Hakidma St. 9, P.O.B. 512, Hi-Tech Park, Yokneam Illit, 2069206 Israel | Tel: +972-4-909555 | Fax: +972-4-9590047 | sales@fibernet.co.il

Layer-2 Bridging

MAC	MAC address filtering Max MTU size 1500 bytes
VLAN	IEEE 802.1d bridging Ingress/egress IEEE 802.1p tagging, replacement, and striping IEEE 802.1ad Double tagging Traffic class forwarding to GEMPort and TCONT
QoS	QoS on all ports QoS based on 802.1p and 802.1q 802.1p marking based on DSCP
Multicast	IGMP v2, v3, IGMP snooping

OAM

LED	LED Status indications
Management	OMCI, CLI
Firmware Upgrade	Firmware upgrade, active and alternative firmware images
Diagnostics	Enhanced GPON debug and diagnostic functions Remote debug via telnet from OLT Log files, memory allocation and crash check
Alarm	Alarm report and suppression (ARC)
PM	All standard PM counters

Power

Power Rating	100–240V AC, 50Hz/60Hz, 6.0A MAX
Maximum power consumption	415W

Ordering Information

Part Number	Description
FGPON-ONT-24POE-L	ONT WITH 24 PORTS POE

www.fibernet-tech.com
Hakidma St. 9, P.O.B. 512, Hi-Tech Park, Yokneam Illit, 2069206 Israel | Tel: +972-4-909555 | Fax: +972-4-9590047 | sales@fibernet.co.il