



Earth-1000R

1G with routing mode Support

Product Description

Earth 1000R is our most compact Home Gateway. Format and design is built to fit the market demands in most optimal way, and provides High quality service of Internet.

Product Features

- » Simple fiber termination
- » Power ON/OFF button, Reset button
- » Support both EPON and GPON mode
- » Fiber port with 1.244Gbps/2.488Gbps link speed
- » 1x GE
- » ONT Broadcast and loop protection

A perfect fit for every deployment scenario...

Earth 1000R is a part of our EARTH Product family and has been developed in such a way that it can be integrated into various deployment models including single dwelling and multi dwelling scenarios. Using products from the EARTH family, the demarcation point can be extended to any desired location in the home, enabling easy access and installation of services. Its small size makes the product a perfect fit in any environment, be it a living room, metering cabinet or basement.

PRODUCT FEATURES AND SPECIFICATIONS

Earth-1000R

General Specifications

- » Dimensions
90mm(L)×73mm(W)×25.2mm(H)
- » Power supply voltage 12 Vdc ± 5%, 0.5A
- » Power consumption upto 2.8W
- » Operating temperature 0 - 55 °C
- » Storage temperature -40 - 70 °C

User interfaces

- 1x Gigabit Ethernet (GE) Ports
- 1x GPON Port
- 1x Power connector

Standards

- » Compliant with ITU-T G.984 (G.984.5 support)
- » Compliant with SFF-8472
- » Compliant with IEEE 802.3 Ethernet
- » Compliant with ITU-T G.984.2 Amd1, Class B+
- » Compliant with 802.1 q/p VLANs

LAN interface(s)

- » Compliant with IEEE 802.3 (u & az) Clause 40 (1000/100/10BASE-T)
- » LED indicators for link and activity

Management

- » OMCI
- » CLI
- » TR-069 supported
- » Advanced GUI
- » FCC and CCC supported
- » Safety :
 - IEC 6050
 - UL94HB flammability class
- » Laser Safety :
 - IEC EN 60825 class 1
 - FDA 21 CFR 1040 .10 /11 Class 1
- » Emission and Immunity :
 - EN 55022/ CISPR 22:2008, Class B
 - EN 61000
 - EN 550024
- » RoHS/WEEE marking :
 - compliant with 2002/95/EC

Interoperable OLT

*including but not limited to

- » Huawei MA5600
- » Huawei MA5608T
- » ISAM 7360 FX
- » Zhone - MXK-F
- » ZTE ZX10 C300
- » Saturn OLT
- » Atlas OLT

ONT Remote WAN Management

- » PPPoE
- » DHCP
- » Static IP
- » Factory restore
- » Protocol port 80 enable/disable

Status LED

- » Power
- » Internet
- » LOS/PON
- » GE

Earth family product models

Model	Type	LAN Interface	Voice/POTS	CATV	WiFi
Earth-1000R	GPON/EPON 1G ONT	1x	No	No	No