Model No. : Earth-P4200R

FTTH REDEFINED

HOME GATEWAY UNIT

ZERO E42

PRODUCT DATASHEET



PRODUCT DESCRIPTION

Zero E42
is a 4-Port POE ONT with CaTV powered function.

Format and design is built to fit the market demands in most optimal way, and provides High quality services, supporting - High bandwidth Gigabit Data, Quality voice service, Cable TV, IPTV services

PRODUCT FEATURES

4x
Data ports

2x
Voice ports

1x
GPON port

1x
RF port

PRODUCT MODEL | ZERO E42

FEATURES & SPECIFICATIONS



GENERAL/PHYSICAL FEATURES

DIMENSIONS
L=210mm W=135mm H=30mm

WEIGHT
<400g

POWER SUPPLY
52VDC, 1.8A

POWER CONSUMPTION
TYP. 10.5W | TYP. 12.5W (CATV)

OPERATING TEMPERATURE
0 to 50 °C

STORAGE TEMPERATURE
-40 to -70 °C

USER INTERFACES

LAN PORTS
4x

VOICE PORTS
2x

GPON PORT
1x

POWER PORT
1x

RF PORT
1x

CATV

- Light reflection loss: >45dB
- Input optical power: -15dBm～0dBm
- RF bandwidth: 45MHz~1000MHz
- RF output level: 75±2dBuV

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

VOICE FXS

- Support high speed fax/ low speed fax/mod-demod, bypass fax and T38 fax)
- Support in-band/RFC2833/ SIP INFO, MD5 authentication, call forwarding, call waiting, hotline, and various voice value-added services
- Multiparty conference
- SIP Phones for Hospitality - Message Waiting Indicator (MWI)

L2/L3 FEATURES

- IPv4, IPv6 support
- Dynamic IP/Static IP/PPPoE WAN
- DHCP Server
- DHCP Client
- Virtual Server
- Port trigerring
- UPnP
- 802.1Q tag VLAN
- VLAN transparent mode
- VLAN translation mode
- VLAN trunk mode
- DoS, SPI Firewall
- IP Address Filter/MAC Address Filter/Domain Filter
- IP and MAC address binding

MANAGEMENT

- OMCI
- CLI
- TR-069 supported
- Advanced GUI

ONT REMOTE WAN MANAGEMENT

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