Model No. : Earth-4222

FTTH REDEFINED

HOME GATEWAY UNIT

# TITANIUM E42

PRODUCT DATASHEET




## PRODUCT DESCRIPTION

**Titanium E42**
is a unique Wi-Fi ONT which supports voice and internet.

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

## PRODUCT FEATURES

**4x**
Data ports

**2x**
Voice ports

**1x**
GPON port

PRODUCT MODEL | TITANIUM E42

# FEATURES & SPECIFICATIONS



## GENERAL/PHYSICAL FEATURES

**DIMENSIONS**
L=210mm W=152mm H=32mm

**WEIGHT**
<400g

**POWER SUPPLY**
12VDC±5%, 1.5A

**POWER CONSUMPTION**
TYP. 10.5W

**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

## LAN INTERFACE

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

## 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

- Supports SIP, RTP protocol
- CODEC: G.711, G.729(A/B)
- Support Call ID / Call waiting / Call forwarding / Call Transfer / 3-way Calling and T.38 FAX
- Support echo cancellation, compliant with G.165, G.168
- Support voice activity detection, comfort noise insertion

## WI-FI 11AC

- Compliant with IEEE 802.11 a/n/ac
- Throughput > 550 Mbps
- FVM (11ac MCS) : ←32 dB 5Ghz, upto 80 Mhz bandwidth

## WI-FI 11N

- Dual Antenna 2×2 MIMO, 5dBi
- Throughput > 140Mbps at 40MHz bandwidth
- Compliant with IEEE 802.11n, 2.4GHz, 20/40MHz bandwidth
- Receiving sensitivity -68dBm
- Tx Freq range (mhz) 2412.0 -2472.0
- Rx Freq range (mhz) 2412.0-2472.0

## HGU REMOTE WAN MANAGEMENT

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

## A.I. SPECIFICATIONS

- VWE (Virtual Wireless Expert)
- VCS (Virtual Configuration Server)

## MANAGEMENT

- OMCI
- CLI
- TR-0369 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 & IMMUNITY

- EN 55022/ CISPR 22:2008, Class B
- EN 61000
- EN 550024

### RoHS/WEEE MARKING

- Compliant with 2002/95/EC