FTTH Redefined for you!

PRODUCT DATASHEET

TITANIUM 2122A
Dualband Wi-Fi 1200 Mbps

Triple Play GPON HGU series

CE
Certified

Product Description

Titanium-2122A GPON is our most compact Home Gateway FTTH WiFi dual band ONT supporting Triple-play services. Format and design is built to fit the market demands in most optimal way, and provides High quality services supporting WiFi, High bandwidth Gigabit Data, Quality voice service and IPTV services.

Product Features

» Advanced 2x2 11n and 2x2 11ac WiFi GPON HGU, upto 1200 Mbps wireless connectivity

» Supports 802.11N 2T2R speed up to 300 Mbps

» Supports 802.11AC 2T2R speed up to 867 Mbps

» Fiber port with 1.244/2.488 Gbps link speed

» 2xGE + 1xFXS (RJ11 Port for VoIP services)

» Advances Management capability

» Broadcast and loop protection

A perfect fit for every deployment scenario...

Titanium-2122A ONT is part of our TITANIUM 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 TITANIUM family, the demarcation point can be extended to any desired location in the home, enabling easy access & installation of services. Its small size makes the product a perfect fit in any environment, be it a living room or basement.

PRODUCT FEATURES AND SPECIFICATIONS

TITANIUM 2122A

General Specifications

» Dimensions
135mm(L)×110mm(W)×28mm(H)

» Weight < 500 g

» Power supply voltage   12 Vdc ± 5%, 1.5A

» Power consumption   typ. 12.5W
with CATV   typ. 12.5W

» Operating temperature 0 - 50 °C

» Storage temperature   0 - 70 °C

User interfaces

2x   Gigabit Ethernet (GE)

1x   FXS Voice interface/POTS

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 & activity

WiFi

802.11n

» Throughput > 140Mbps at 40MHz
bandwidth

» Compliant with IEEE 802.11n, 2.4GHz,
20/40MHz bandwidth

» Receiving sensitivity -68dBm

802.11AC

» Throughput > 550 Mbps

» EVM (11ac MCS9) : < -32dB

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

ONT Remote WAN Management

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

Status LEDs

⏻   Power
< >   Fiber uplink status, PON
☎   Telephony status 1-2
⋙   WiFi status
@   Connectivity status, Internet
🖧   LAN1-4 status
⇄   Fiber uplink status, LOS

Others

RST   Reset button

Titanium product models

Model	Type	LAN Interface	Voice/POTS	WiFi11N	WiFi11AC
TITANIUM 2122A	GPON WiFi ONT	2x	1x	Yes	Yes