

FTTH Redefined for you!



GX GROUP



NEW SUPER STRONG WiFi 

PLATINUM 4410

Home Gateway Unit

Product Description

Platinum ONT series is our most compact Home Gateway FTTH WiFi 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, Cable TV and IPTV services.

Product Features

- » Simple fiber termination
- » Advanced 2x2 11n WiFi AP, upto 300 Mbps wireless connectivity
- » GPON port with 1.244Gbps/2.488Gbps link speed
- » 1xGE + 1xFE + 1xFXS (RJ11 Port for VoIP service)
- » Advances Management capability
- » ONT Broadcast and loop protection

A perfect fit for every deployment scenario...

Platinum ONTs are part of our SATURN 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 saturn 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, meeting cabinet or basement.

PRODUCT FEATURES AND SPECIFICATIONS

PLATINUM 4410

General Specifications

- » Dimensions
248mm(L)×149mm(W)×35mm(H)
- » Weight < 500 g
- » Power supply voltage 12 Vdc ± 5%, 1A
- » Power consumption typ. 16W
with CATV typ. 18W
- » Operating temperature 0 - 50 °C
- » Storage temperature 0 - 70 °C

User interfaces

- 1x Optical Interface SC/APC fiber interface
- 1x Gigabit Ethernet (GE)
- 1x Fast Ethernet (FE)
- 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

Ethernet Port

- » MDI / MDIX auto-negotiation
- » 802.3x flow-control
- » Uplink and downlink speed limits for each port
- » Storm suppression/port isolation
- » Port MAC limit
- » STP/Port mirroring

LAN interface(s)

- » Compliant with IEEE 802.3 (u & az) Clause 40 (1000/100/10BASE-T)
- » Support 802.1QVLAN/SVLAN
- » 4K VLAN

Multicast

- » IGMP Snooping
- » 64 x 4 Multicast groups
- » CTC controllabl snooping

QoS

- » Support traffic classification based on source MAC address, destination MAC address, VLAN priority, VLAN ID, Ethernet frame type, source IP address and destination IP address
- » Support 802.1p, DSCP and TOS
- » Support SP (Scheduling Priority)

WiFi

- » Dual Antenna 2x2 MIMO, 5dBi
- » Throughput > 140Mbps at 40MHz bandwidth
- » Compliant with IEEE 802.11n, 2.4GHz, 20/40MHz bandwidth
- » Receiving sensitivity -68dBm

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

Management

- » Fully manageable by Saturn NMS
- » Managed by OMCI by Saturn OLT
 - PPPoE
 - DHCP
 - Static IP
 - Factory Reset
 - Port 80 Enable/Disable
- » TR-069 supported

Interoperability

- » TR255 compliant

Interoperable OLTs

- » Huawei MA5600
- » Huawei MA5608T
- » ISAM 7360 FX
- » Zhone - MXK-F
- » ZTE ZXAI0 C300
- » Saturn OLT
- » Atlas OLT

ONT Remote WAN Management

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

Platinum product models

Model	Type	LAN Interface	Voice/POTS	CATV	WiFi
PLATINUM-4410	GPON WiFi ONT	1x	1x	No	Yes