



PRODUCT DESCRIPTION

Platinum T21

is a most compact WiFi Home gateway unit which supports voice.

This device is better suited for end users who want internet and voice services at Home.

PRODUCT FEATURES



2x

Data ports



1x

Voice ports



11N

Extended Wi-Fi

FEATURES & SPECIFICATIONS



GENERAL/PHYSICAL FEATURES

DIMENSIONS

L=248mm W=149mm H=35mm

WEIGHT

Less than 500g

POWER SUPPLY VOLTAGE

12 Vdc ± 5%, 1A

POWER CONSUMPTION

typ. 16W | typ. 18W (with CATv)

OPERATING TEMPERATURE

0 - 50 °Celsius

STORAGE TEMPERATURE

0 - 70 °Celsius

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

USER INTERFACES

GE PORTS

2x

VOICE PORT

1x

POWER PORT

1x

MULTICAST

- IGMP Snooping
- 64 x 4 Multicast groups
- CTC controllable snooping

LAN INTERFACE

- Compliant with IEEE802.3 (u&az) Clause 40(1000/100/10BASE-T)
- Support 802.1Q VLAN/SVLAN
- 4K VLAN

QOS

- Support traffic class based on source MAC address, destination MAC address, VLAN priority, VLAN ID, Ethernet frame type, source IP address & destination IP address
- Support 802.1p, DSCP and TOS

PRODUCT MODEL

PLATINUM T21

FEATURES & SPECIFICATIONS



WI-FI FEATURES

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

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

VOICE FXS

- 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

A.I. SPECIFICATIONS

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