



AI Enabled  
ONT

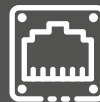
## PRODUCT DESCRIPTION

### 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

PRODUCT MODEL

PLATINUM T21

## FEATURES & SPECIFICATIONS



### GENERAL/PHYSICAL FEATURES

#### DIMENSIONS

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

#### WEIGHT

Less than 500g

#### POWER SUPPLY VOLTAGE

12 Vdc  $\pm$  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 802.1QVLAN/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

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## FEATURES & SPECIFICATIONS



### WI-FI FEATURES

- 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

- 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

### A.I. SPECIFICATIONS

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