



Huawei GPON (HG8247) Troubleshooting Manual



Huawei GPON (with internal router - Wi-Fi) Model - HG8247

- 2 – POTS Ports
- 4 – Gigabit-Ethernet Ports
- 1 – RF-Video Port
- 1 - USB Port



Back side ports' sequence on Huawei GPON (HG8247) ONT

Port/Button	Function
CATV	RF-TV Port
OPTICAL	Optical WAN port
LAN 1 – LAN 4	10/100/1000 Base-T Ethernet ports
TEL 1 – TEL 2	Telephone ports
ON / OFF	Power ON/OFF button
POWER	Input power port
BBU	Connection to the UPS



Huawei GPON (HG8247) ONT

Light	Status	Indication
Power	Green: Always On	The device is powered on
	Orange: Always On	The device is powered by battery
	Off	The power supply is cut off
WLAN	Always On	WLAN function is enabled
	Blinks	Data is being transmitted on WLAN port
PON	Always On	In case of any other status,
LOS	Always Off	contact NAYAtel Support
ETH	OFF	Cable not connected or end device is down
	Green Stable	Ethernet connection established
	Green Blinking	Data getting transmitted
TEL	OFF	POTS not configured
	Green Stable	POTS configured
	Green Blinking	Call in progress

Precautionary Measures

- 1 – Never remove the power cable from the ONT as this can damage the ONT
- 2 – Never reset ONT by pressing reset button as this will remove all the configurations of the ONT
- 3 – Do not cover the ONT as this blocks the ventilation for the ONT circuitry
- 4 – Only connect the ONT with the UPS provided by Nayatel as other UPS can damage the ONT
- 5 – Donot change the ONT location as it may damage the optical fiber cable. Please contact NAYAtel Support in this regard

Using Serial Number

Serial number of ONT is a unique number. No two ONTs can have same serial. Customer's User ID can also be identified by this serial number. Serial number is pasted on the front side of ONT.