



Revolutionary Products For The ISPs / WISPs



NS-8G-RP-2U

**Gigabit Reverse PoE Switch for All Networks
with Double Uplink**

Gigabit Reverse PoE Switch for All Networks with Double Uplink

*All Purpose Switch – Can work with ONU/ONT,
Fiber Media Converter, Wireless CPE.*



NETSTAR switch has intelligent Power management feature solving a major problem of powering the device for ISPs. ***This switch can be used for various applications such as with ONU, with media converter or with wireless CPE.*** ISPs need not worry about arranging power for RPoE Switch and Third Party ONU / ONT / Media Converter / Wireless CPE. This switch can be powered using any standard PoE Injector (18~48VDC). RPoE Switch can draw the necessary power even from a single client. This eliminates the need of UPS / Power Backup at building top. No need to pay to the Building Owner / Any Client for 24 power backup. Overall the RPoE switch saves a lot of money and time for ISP.

Features

- ▲ **Intelligent Power Management Feature** : Switch can be powered using Reverse Power from customer using any standard PoE Injector (18V~48VDC @ 0.5~1Amp).
- ▲ **Supports Auto-Negotiation** : Each of the switch ports automatically detect whether connected network devices are running at 10Mbps / 100Mbps / 1000Mbps and adjusts the speed and mode accordingly ensuring easy and hassle-free operation.
- ▲ **Supports Non-Blocking Wire Speed** : The Switch forwards and receives traffic seamlessly with its non-blocking wire-speed.
- ▲ **Port Based Isolation** : Data of the Uplink Port can be transfer to any of the Downlink ports but the Individual Downlink ports can't communicate with each other. Port Isolation Can be enabled/Disabled using Push Button.
- ▲ **Surge Protection** : Surge protection provided each port to protect against high voltage surge on data ports or Uplink port.
- ▲ **Cascading** : Switches Can be Cascaded for more User.



All Purpose Switch – Can Work with ONU/ONT, Wireless CPE, Fiber Media Converter



Share Last Mile Equipment with Multiple Users, Can also do Switch-to-Switch Cascading



Quick & Affordable Way to Roll-Out Broadband

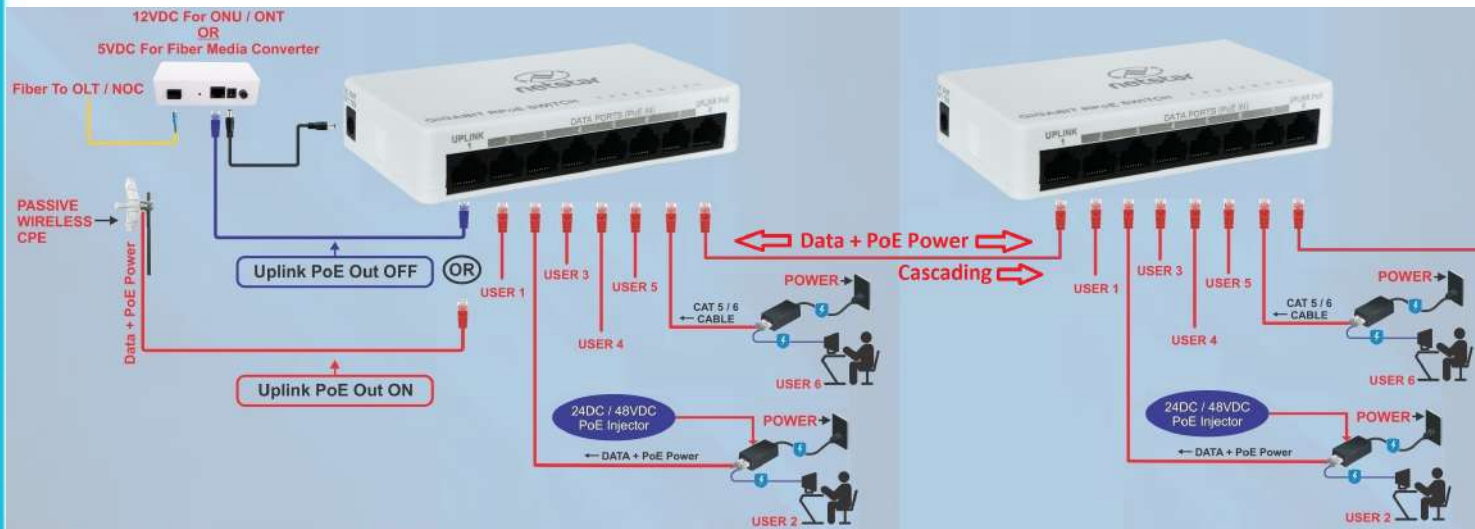


No Local Power or UPS Backup Required for Any Last Mile Equipment

Technical Specification

Ethernet Connector	RJ45 Jacks - 8 Ports
Downlink	6 x 10/100/1000Mbps(Gigabit) RPoE Ports (Ports 2 to 7) (Data + Power IN)
Uplink	1 x 10/100/1000Mbps(Gigabit) Uplink Port (Port 1) Data Uplink OR Data+PoE Out Uplink by Toggle Slider 1 x Gigabit Data+PoE Out Uplink Port (Port 8)
DC Out Jack	12VDC OR 5VDC by Toggle Push Button
Port Based Isolation	Enable / Disable by Toggle Push Button
Input Voltage	18VDC to 48VDC Through PoE Injector
Protocols	CSMA/CD
Transmission Method	Store and Forward
MAC Address	4K MAC address
LED Indicator	Green : ON - Device On Stable Yellow : ON - Gigabit Link Activate Yellow : Flashing - Gigabit Data Transmission Red : ON - 10/100 Link Activate Red : Flashing - 10/100 Data Transmission
Standards	IEEE Std. 802.3 10BASE-T IEEE Std. 802.3u 100BASE-TX IEEE Std. 802.3x Flow control and Back-pressure. IEEE Std. 802.3az Energy Efficient Ethernet IEEE 802.3ab 1000Base-T
CAT-5/6 Cable Data Lines	All 4 Pair : Pin1, 2, Pin 3, 6, Pin 4, 5, Pin 7, 8
CAT-5/6 Cable Power Lines	+VDC: Pins 4, 5 & -VDC: Pins 7, 8
Operating Temperature	Operation: 0°C ~ 60°C, Store: -20°C ~ 80°C
Operating Humidity	20% to 95% (non-condensing)
Power consumption	3 Watt
Dimensions	130 x 70 x 25 mm
Net Weight	0.15Kg

Application Diagram



**Please turn off the switch power before using any Toggle Button*

NS-8G-RP-2U



Infonet Technologies

- 📍 19, Limbani Complex,
Ambli Bopal Road,
Ahmedabad - 380058, Gujarat, INDIA
- ☎ +91 79 26764812
- 📞 +91 9687688966
- ✉ switch@netstar.in
- 🌐 www.netstar.in