



Revolutionary Products For The ISPs / WISPs



NS-8FE-RP-2U

**10/100Mbps Reverse PoE Switch for All Networks
with Double Uplink**

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*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 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.



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



Quick & Affordable Way to Roll-Out Broadband

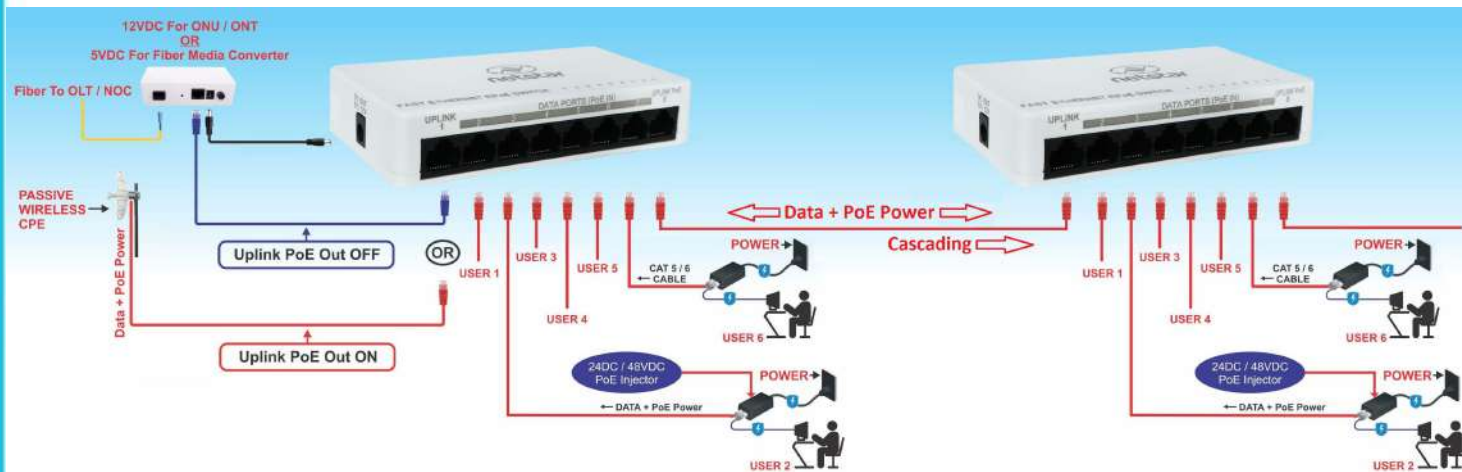


No Local Power or UPS Backup Required for Any Last Mile Equipment

Technical Specification

Ethernet Connector	RJ45 Jacks - 8 Ports
Downlink	6 x 10/100Mbps RPoE Ports (Ports 2 to 7) (Data + Power IN)
Uplink	1 x 10/100Mbps Uplink Port (Port 1) Data Uplink OR Data+PoE Out Uplink by Toggle Slider 1 x 10/100Mbps Data+PoE Out Uplink Port (Port 8)
DC Out Jack	12VDC OR 5VDC by Toggle Push Button
Port Based Isolation	Enable / Disable by DIP Button
Input Voltage	18VDC to 48VDC Through PoE Injector
Protocols	CSMA/CD
Transmission Method	Store and Forward
MAC Address	1K MAC address
LED Indicator	Green : ON - Device On Stable Yellow : ON - Uplink Port Link Activate Yellow : Flashing - Uplink Port Data Transmission Red : ON - Downlink Ports Link Activate Red : Flashing - Downlink Ports 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
CAT-5/6 Cable Data Lines	Pin1,2 & Pin 3,6
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**

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