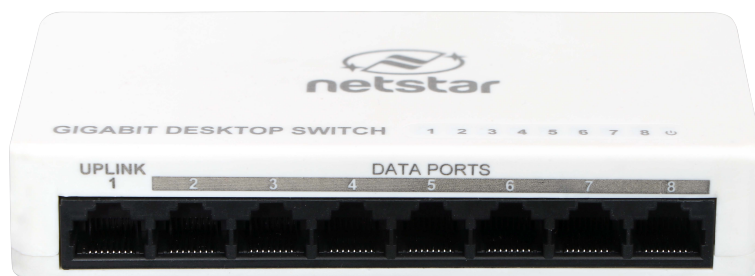




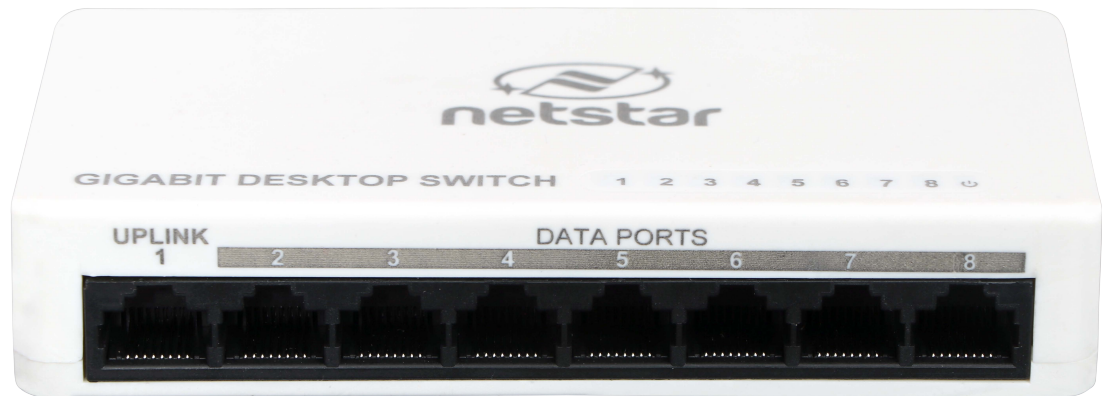
Revolutionary Products For The ISPs / WISPs



NS-8G

8 Port Gigabit Desktop Switch

8 Port Gigabit Desktop Switch



The NS-8G Gigabit Desktop Switch provides you an easy way to upgrade your network to 1000Mbps speed. Since all the ports of this device support auto MDI/ MDIX, there is no need to worry about which cable type to use. Moreover, with the innovative & energy efficient technology, this NS-8G Switch can consumes less power, making it an eco-friendly & cost-friendly solution for your network. Its compact size and simple & sturdy design gives you the freedom to place it in any environment.

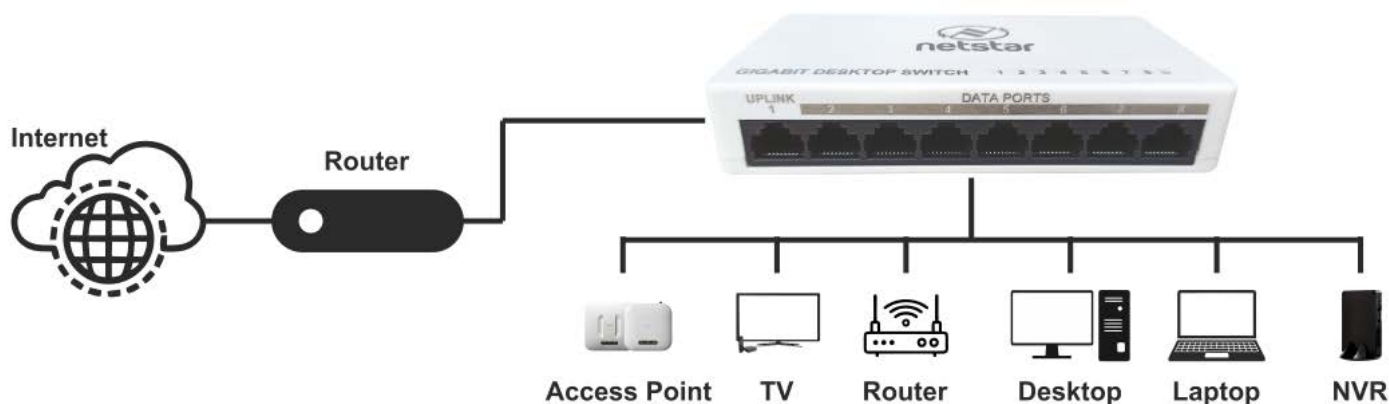
Features

- ▲ **Port Based Isolation :** Data of the Uplink Port can be transferred to any of the Downlink ports but the Individual Downlink ports do not communicate with each other. Port Isolation Can be Enabled / Disabled using a simple DIP Button which is a unique feature of this switch.
- ▲ **Green Ethernet :** 802.3 Energy-Efficient Ethernet (EEE) allows for less power consumption during periods of low data activity. It reduces power to a port when no link is detected. It also adjusts the power to a port by detecting the length of the connected Ethernet cable.
- ▲ **Easy to Use :** Just plug and play, no configuration required. Auto MDI / MDIX eliminates the need for crossover cables.
- ▲ **Cost-effective Solution :** The NETSTAR NS-8G 8-Port Gigabit Desktop Switch is a cost-effective solution that provides connectivity to users via 8 Ethernet ports. Not only does it offer advanced features that improve performance, it also cuts costs by lowering power usage while simultaneously upgrading your network bandwidth to Gigabit speed. Availability of 8 ports enables you to add more devices to your network without ever having to worry about availability. This switch simply offers the best performance and value at its price point.
- ▲ **Supports Auto-Negotiation :** Each of the switch ports automatically detect whether connected network devices are running at 10Mbps / 100Mbps / 1000Mbps speed and it 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.
- ▲ **Surge Protection :** Surge protection has been provided at each port to protect against high voltage surge on data ports or Uplink port.

Technical Specification

Ethernet Connector	8 X 10/100/1000Mbps RJ45 Ports with Auto MDI/MDIX
Port Based Isolation	Enable / Disable by Toggle Push Button
Power	5VDC ~ 12VDC / 1A Power Adapter
LED Indicator	ON / Link Active / Data Transmission
Protocols	CSMA/CD
Transmission Method	Store and Forward
MAC Address	4K MAC address
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
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
Weight	0.15Kg

Application Diagram



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