



NGSE8H(x)

(8-port 10/100/1000M PoE+ 130W/235W Gigabit Ethernet Switch)

More information:
WWW.NIVEOPROFESSIONAL.COM
INFO@NIVEOPROFESSIONAL.COM



Product Specification

Introduction

NGSE8H(x) is a 8-port 10/100/1000M PoE+ Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 11" size fits into your rack environment. It is a superb choice to boost your network with better performance and efficiency.

IEEE 802.3at Power over Ethernet (PoE) ports

NGSE8H(x) features 8-port PoE IEEE 802.3at supplying up to 30 watt per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. By adding NGSE8H to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

High-Speed Networking and Jumbo Frames Support

NGSE8H(x) provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files. In addition, it also supports Jumbo Frames 9.6K to improve network utilization of large file transfers.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat.5/Cat.5e Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps/100Mbps/1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps/2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Specifications

Interface		
10/100/1000M RJ45 Ports	8	
System Performance		
Packet Buffer	144KB	
MAC Address Table Size	8K	
Switching Capacity	16Gbps	
Forwarding Rate	11.9Mpps	
PoE Features		
IEEE 802.3 af/at	IEEE 802.3 af/at	
Number of PSE Ports	8	
PoE Budget	130W/ Xversion 235W	
External/Internal Power	Internal Power	
Power Feeding Detecting Capability on PD	•	
L2 Features		
Auto-negotiation	•	
Auto MDI/MDIX	•	
Flow Control (duplex)	802.3x (Full)	•
	Back-Pressure (Half)	•
Jumbo Frame	9K	
Mechanical		
Power Input	100~240VAC	
Dimension	266 x 160 x 44 mm	
LED	Power, PoE, Link/Act	
Operating Temperature	0~45°C	
Storage Temperature	-20~80°C	
Operating Humidity	5~90% (non-condensing)	
Weight	0.95 KG	
Certification	FCC Class A, CE	
Standard		
IEEE 802.3 – 10BaseT	•	
IEEE 802.3u - 100BaseTX	•	
IEEE 802.3ab - 1000BaseT	•	
IEEE 802.3af Power over Ethernet (PoE)	•	
IEEE 802.3at Power over Ethernet (PoE+)	•	
IEEE 802.3x - Flow Control	•	