

ESG-8808 is 8-port 10/100/1000 Gigabit desktop switch for SOHO and enterprise users seeking pain-free, plug-and-play Ethernet connectivity. The ESG-8808 delivers rich features, high performance, and extreme reliability in cost-effective, space-saving design. The plastics housing provides a light-weight and user-friendly touch compared to metal casing. Besides, the sleek and compact design of the ESG-8808 saves space while still takes thermal into consideration.



Features	Benefits
Full duplex operation up to 2000Mbps	High speed network speed to fulfill heavy-loading task like data center, server farm connectivity
Combined switching capacity of up to 10Gbps, non-blocking switching architecture	No bottleneck caused by switch fabric
Per-Port color LEDs	Clear indication of system status hence easy diagnostics
Excellent switching architecture by combining dynamic memory allocation with store-and-forward switching	Minimize the possibility of packet loss
Allowing two or more units to be cascaded together	Scalable, capacity expansion
802.3x Flow Control	Minimize dropped packets
Jumbo Frames (up to 9.6K)	Maximize efficiency of transmission for giant packets
802.1P priority queuing	Prioritize critical traffics (VoIP, Video) based on user expectation

*** Subject to change without prior notice

Technical Specifications

Network speed

Unmanaged 8-Port 10/100/1000Mbps Switch

MAC Address Table Size

8K

Switch Fabric

10Gbps Forwarding Capacity

Transmission Method

Store-and-forward

Diagnostic LEDs

Power

LAN: Activity/Link

Forwarding Rate

10Mbps- 14,880pps

100Mbps- 148,809pps

1000Mbps -1,488,095pps

Address Aging Timer

Automatic Update

Max Power Consumption

4.5 Watts

Power Dissipation

25.234 BTU/Hr

Jumbo Frames

9.6KB

QoS

802.1p (4 Queues)

Interface Options

RJ-45

10BASE-T, 100BASE-TX, 1000BASE-T Universal UTP Cable Recognition for Straight-Through or Crossover Cables (MDI/MDI-X)

Network Protocol and Standards

802.3 Ethernet, 802.3u Fast Ethernet 802.3ab Gigabit Ethernet

802.3x Flow Control

802.1P priority queuing

Regulatory Requirement

FCC Class B, CE Class B, CSA International

Power Supply

AC-DC 12V / 1A External

ENVIRONMENTAL

Temperature

Operating: 0° ~ 40° C (32° to 104° F)

Storage: -10° ~ 70° C (14° to 158° F)

Humidity

Operating: 10% - 95% RH, Non-condensing

Storage: 5% - 95% RH, Non-condensing

PHYSICAL SPECIFICATIONS

Dimensions (W x D x H)

7.75 x 4.48 x 1.2 in (196.85 x 113.79 x 30.48 mm)

Weight

1.13lbs (.51kg)

Warranty and Support Information

1-Years (Excluding Power Supply)

RELATED PRODUCT(S)

5 port Gigabit Switch

NSG-8805

11a/b/g High-power Wireless USB Adapter

NUB-362/362 EXT (802.11b/g)

NUB-862 (802.11a/b/g)

NUB-8301 (802.11a/b/g)

Indoor AP-Client

NCB-3220 (802.11b/g)

NCB-8610 (802.11a/b/g)

Outdoor AP-Client

NOC-3220 Series (802.11b/g)

NOC-8610 Series (802.11a/b/g)

*** Subject to change without prior notice