

ESG-8805 is a 5-port 10/100/1000 Gigabit desktop switch for SOHO and enterprise users seeking pain-free, plug-and-play Ethernet connectivity. The ESG-8805 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-8805 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 5-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 12 V / 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)

8 port Gigabit Switch

NSG-8808

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)

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