Green Technology

- Saving power consumption
- Recyclable packaging material

High Performance

- IEEE 802.3x ow
- control Non-blocking switching architecture
- Store and forward
- Auto-negotiation
- Auto-MDI/MDIX
- MAC address auto-learning and auto-aging
- Jumbo Frame support

Advanced Features

- 802.1p/DSCP QoS
- IGMP Snooping

Easy to use

- Plug and Play design

5/8-Port 10/100/1000Mbps Desktop Switch

EV-105/EV-108

Gigabit Switch

Featured 10/100/1000Mbps ports, EV-105 and EV-108 greatly expands your network capacity, enabling instant large les transferring. So, power users in the home, o ce, work-group, or creative production environment can now move large, bandwidth-intensive les faster. Transfer graphics, CGI, CAD, or multimedia les across the network instantly.

Go Green With Your Ethernet

You now have the choice to go green when upgrading to a gigabit network! This new genera-tion EV-105 and EV-108 feature the latest innovative energy-e cient technologies that can greatly expand your network capacity with much less power. It automatically adjusts power consumption according to the link status and cable length to limit the carbon footprint of your network.

Power down Idle Ports

When a computer or network equipment is o , the corresponding port of a traditional switch will continue to consume considerable amounts of power. EV-105 and EV-108 can automatically detect the link status of each port and reduce the power consumption of ports that are idle, resulting in up to reduction in power use.

Power Budget According to Cable Length

Ideally, shorter cable would use less power because of less power degradation over their length; this is not the case with most devices as they will use the same amount of power across the cable regardless of the length.

Tra c Optimization

802.1p and DSCP QoS enable smooth latency-sensitive tra c such as voice and video, and IGMP Snooping optimizes the Multicast data stream.

Easy to Use

The auto features of this gigabit switch make installation plug and play and hassle-free. No con guring is required. Auto MDI/MDIX eliminate the need for crossover cables. Auto-negotia-tion on each port senses the link speed of a network device (either 10, 100, or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

Datasheet

◪ Specification：

Product Picture		
Model	EV-105	EV-108
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p	
Forwarding Mode	Store and forward	
Interface	5 10/100/1000 Mbps ports Auto Negotiation Auto MDI/MDIX	8 10/100/1000 Mbps ports Auto Negotiation Auto MDI/MDIX
Switching Capacity	10Gbps	16Gbps
MAC Address Table	2K	4K
Packet Forwarding Rate	7.4Mpps	11.9Mpps
Bu er Memory	1Mb	1.5Mb
Jumbo Frame	15KB	15KB
Advanced Features	Green Technology 802.3x Flow Control 802.1p/DSCP QoS IGMP Snooping	
Max Power Consumption	3.2W	3.97W
Energy Saving	84%	82%
LEDs	Power, Link, Speed and Activity (indicators per port built into RJ45 port)	
Power Supply	External Adapter (output: 9V 0.6A)	External Adapter (output: 9V 0.6A)
Dimensions(W × D × H)	3.9 x 3.9 x 1.0 in. (99.8 x 98 x 25 mm)	6.2 x 4.0 x 1.0 in. (158 x 101 x 25 mm)
Certi cations	CE, FCC, RoHS	
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10% ~ 90%, non-condensing Storage Humidity: 5%~90% non-condensing	

◪ Ordering Information:

Product Model	Description
EV-105	5-Port 10/100/1000Mbps Desktop Switch
EV-108	8-Port 10/100/1000Mbps Desktop Switch