



**ES-1016**

## 16-Port Fast Ethernet Rack-mount Switch

### Description:

The ES-1016 is 16-port Fast Ethernet rack-mount switch, that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size switch fits into your rack cabinet. It is a superb choice to boost your network with higher performance and efficiency.

### IEEE Energy Efficient Ethernet (EEE) compliance saves power up to 64%

The Switch ES-1016 offers environmental efficiency with Fast Ethernet speeds critical for next-generation network applications. To comply with the IEEE802.3az standard, the Switch ES-1016 provides power saving functions to reduce energy consumption to help business save cost.

### -Inactive link detection

The power usage adjustment feature automatically reduces power usage when any shut down network device or inactive link is detected. That is, power consumption of the switch can be adjusted according to the link status or the number of active network devices when possible.

### -Cable length detection

The devices equipped with this green feature can automatically detect the length of connected Ethernet cables and adjust power usage accordingly. The shorter the cable length, the less power it consumes.

### Supports Auto-Negotiation

Every port of the ES-1016 can automatically distinguish the connected network devices are running at 10Mbps, 100Mbps for Half/Full-Duplex mode. The ES-1016 can adjust the speed and mode accordingly.

### Supports Non-Blocking Wire Speed

The ES-1016 receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port of the ES-1016 has the speed up to 200Mbps in full-duplex mode simultaneously. This feature provides full wire speed to the connected devices and allows you to run a high speed network smoothly.

### Supports Store and Forward Architecture

With the store and forward architecture filters fragment & CRC error packets, the ES-1016 can maximize network performance while minimizing the propagation of bad network packets.

### Fan-less Design

Since the fan-less design ensures quiet operation in small office spaces, the ES-1016 is the perfect solution for small business and SOHO office deployments.

### Specification

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet
<b>Features</b>	RJ-45 Ports: 16 MAC Address: 8K Buffer Memory: 256KB Transmission Method: Store and Forward
<b>Filtering/Forwarding Rates</b>	100Mbps port - 148,800pps 10Mbps port - 14,880pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
<b>Led Indicators</b>	Per Port: Link/Act Per Unit: Power
<b>Power Requirement</b>	100~240V/AC, 50~60Hz
<b>Power Consumption</b>	3 Watts (Max)
<b>Dimensions</b>	441 x 131 x 44(L x W x H)
<b>Weight</b>	1.6 kg
<b>Operating Temperature</b>	0 to 40°C
<b>Storage Temperature</b>	-40 to 70°C
<b>Humidity</b>	Operating: 10 to 90% RH (non-condensing) Storage: 5 to 90% RH (non-condensing)
<b>Certifications</b>	FCC Class A, CE