



ES-5804PH

## Fast Ethernet 5-Port Switch with 4 PoE+ Ports

The ES-5804PH is a 5-port Fast Ethernet PoE switch with 4 PSE/PoE ports. It is designed for sturdy network connections in small network environments. It is also specially designed for PoE video surveillance applications in such environments as buses, trains, subway cars, and emergency vehicles. This PoE switch is very compact in size, making it ideal for applications in environments with limited space.

### Complies with the IEEE 802.3at Power over Ethernet (PoE+) Standard

The ES-5804PH features 4 IEEE 802.3at Power over Ethernet (PoE+) ports, which supplies up to 30 watts of electricity per port. It can convert standard 12-24V DC and 48V DC electricity into low-voltage DC electricity to power IEEE 802.3at compliant network accessories via existing LAN cables. With PoE detection capability, the ES-5804PH is able to verify whether the connected device is IEEE 802.3at compliant. In the event that a PoE device is not detected, only network data will be transmitted through the LAN cable. With the ES-5804PH, network products such as access points and network cameras can be easily set up and managed.

### Compliant with Cat 5 Ethernet Cables for Higher Cost Efficiency

The ES-5804PH can transmit both power and network data via Cat 5 Ethernet cables. With the ES-5804PH, no special networking cables or power adapters are necessary for PoE applications. The ES-5804PH reduces the difficulty, time, and cost of establishing a sturdy network environment.

### Auto-MDI/MDI-X

Every port on the ES-5804PH can automatically detect the connected cable type. There is no need for crossover cables whether it is bridging two switches or connecting the ES-5804PH to a computer.

### Auto-Negotiation

Whether it is 10Mbps, 100Mbps, half-duplex mode, or full-duplex mode, every port on the ES-5804PH can automatically detect the speed at which the connected network device is running and adjust accordingly.

### Non-Blocking

This switch can receive and forward network traffic seamlessly with its non-blocking wire speed. All ports on the ES-5804PH can simultaneously support bandwidth speeds of up to 200Mbps in full-duplex mode. This feature allows for full wire speed for all connected devices and ensures a smooth-running network environment.

### Store and Forward

With this function, the ES-5804PH can maximize network performance while minimizing the propagation of bad network packets.

## Specification

<b>Standards</b>	IEEE-802.3af/at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
<b>Features</b>	Number of Ports: 5 10/100BaseT(X) with 4 PSE/Power over Ethernet Ports MAC Address: 1K Buffer Memory: 512K bits 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, PoE Act/Status Per Unit: Power
<b>Power Input</b>	48V/DC
<b>Power Output</b>	48V/DC
<b>Power Consumption</b>	40 Watts (Max)
<b>Dimensions</b>	130 × 97 × 24 mm (L x W x H)
<b>Weight</b>	1.3Kg
<b>Operating Temperature</b>	0 to 40°C
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	FCC Class A, CE