5 ports Fast Ethernet Switch

With 4 Ports 802.3at PoE

User Manual

Ver 1.0

Introductions

The PoE Switch is a 5-port 10M/100M Fast Ethernet Switch with one uplink port plus 4 ports of Power over Ethernet capability. Per PoE port is power supply up to 30W. The total PoE power budget is 65W. It is an ideal solution where office and home users utilize a combination of PoE and non-PoE enabled devices.

PoE Functionality for the LAN
Four ports on the PoE Switch are PoE enabled making it an ideal solution for most office users that have PoE enabled devices located around the office. These products can include a mixture of PoE IP Phones, PoE wifi APs and PoE IP Cam. It is the perfect answer for offices that are upgrading their office equipment and LAN infrastructure to include PoE capability. The switch automatically detects IEEE 802.3at/af compliant device connected and provides power and data over a single cable to these devices.

Stable and Reliable Network Environment
The PoE Switch enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes. This device supports N-way auto-negotiation protocol that automatically detects networking speed and duplex modes.

Easy to Use
For instant error detection, the switch is equipped with a full range of LEDs to help monitor and troubleshoot problems on the network.

Packing List

Inside the package you should find:
(1) One PoE Switch
(2) One Power Cord
(3) One User Manual
Please check if the packing is damaged or any component is missing. If so, please contact your distributor.

Installation Steps

1. Use the power cord to power up the PoE switch, and the LED indicator "Power" will be on.
2. Connect "**UPLINK**" port of the PoE switch to other LAN switch via Ethernet Cat.5e/6/7 cables.   The LED indicator "UPLINK" will be on.
3. Connect "**LAN**" ports of the PoE Switch to PoE PD devices. The corresponding LED indicators "**LAN**" and "PoE" will be on.
4. Check whether the PoE PD device is on.   If not, please make sure all Ethernet cables are connected correctly and fastened tightly.

LED Indicators

On the front panel of PoE Switch, there are 10 LED indicators as the following;

POWER: "**Green On**" indicates power is on and normal.
UPLINK: "**Green On**" indicates Ethernet is in connection at 10/100M.
         "**Green Flashing**" indicates Ethernet in data activities.
LINK: "**Green On**" indicates Ethernet is in connection at 10/100M.
         "**Green Flashing**" indicates Ethernet in data activities.
PoE: "**Green On**" indicates Power over Ethernet function is enabled.
         "**OFF**" indicates the PoE is disabled, and it becomes a regular LAN port.

Technical Specifications

Standards	IEEE 802.3: 10 BASE-T IEEE 802.3u: 100 BASE-TX IEEE 802.3at/af: Power Over Ethernet
Features	MAC Address: 1K Buffer Memory: 512K bits Transmission Method: Store and Forward
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
Interface	5 x 10/100Mbps RJ-45 ports
Uplink Port	1
PoE Spec	Supports up to 30W per PoE port PoE power budget: 65W PD classification identify PoE over current protection PoE circuit sorting protection PoE power on RJ-45 pin 1,2 for power "+" / pin 3,6 for power "-"
LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port
Power Supply	Internal Power 100~240VAC/50~60Hz
Dimensions	160 × 122 × 44 mm
Weight	0.8 kgs
Operating Temperature	0 to 40℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC , CE

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