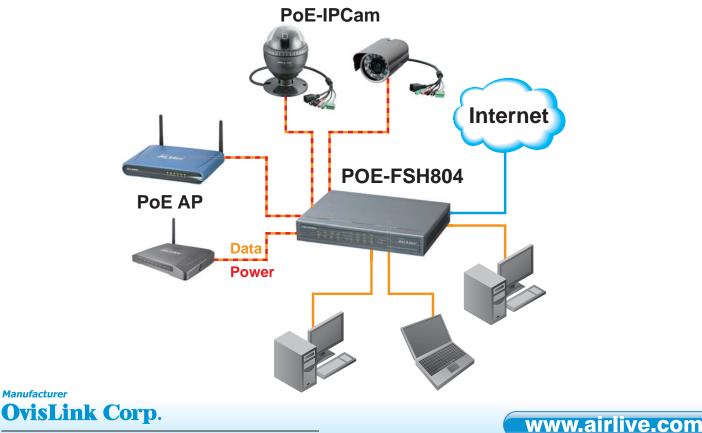## POE-FSH804

8-port Fast Ethernet PoE Switch

◆ 8 x 10/100Mbps Fast Ethernet port
◆ 4 PoE ports included
◆ Compile with 802.3af Standard
◆ Transmit Power to PoE IP Cam, PoE AP, and other PoE devices through RJ-45 Cable
◆ Provide maximum 15.4W for each PoE port
◆ Total Power Consumption up to 60W

T he POE-FSH804 is an 8 port 10/100 Ethernet switch with 4 PoE ports. This switch integrates 100Mbps Fast Ethernet switch and 10Mbps Ethernet network capabilities in highly flexible package. Port 1 ~ 4 support power over Ethernet (PoE) function. It will automatically detect the presence of an IEEE 802.3af compliant powered device (PD) and provide power through Ethernet port. The switch provides up to 15.4W per PoE port and can be used to power PoE AP, PoE IP phone, PoE IP Cam and other PoE devices.

POE-FSH804 has the protection mechanism to mention users when power consumption is overloaded. If all PDs power consumption is ≧ 55W, the LED of "PoE Max." will be red, and ports will be stopped receiving power based on priority* by system, then power of lowest-priority port will be cut by system.

PoE-IPCam

Internet

POE-FSH804

PoE AP

Data
Power

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* Priority: Priority of port 1 is higher than port 2 (port 1> port 2> port 3 > port 4). For example, Port 1, 2 and 4 are using 15.4w (maximum power per port is 15.4W), the system power is 46.2w in total (PoE max LED is red). If there is an additional PD connected to Port 3 with 10W then the system will stop supplying power to Port 4 for protecting the system, this means Port 1, 2 will use 15.4w, and Port3 will use 10w, and system will not supply power to Port 4.

Specifications

Standard
- IEEE 802.3i 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3x Flow Control
- IEEE 802.3af DTE Power via MDI (12,36 pin)

Interface
- 8 x 10/100/1000Mbps RJ-45 switching ports

Power Supply
- Total Power Consumption: 60 W maximum
- 802.3af Power Consumption: 55 W maximum
  (Ports 1 – 4)
- External power: 48VDC, 1.25A power output

Forwarding mode
- Store-and-forward

Bandwidth
- 1.6 Gbps

Buffer memory
- 512 Kb

Address table
- 1K

Emission
- FCC Class A, CE, VCCI

LED indicators
- System: Power, PoE Maximum Power (55W)
- Per Port: Link/Activity, Speed, PoE Active

Temperature
- Operating: 0 to 45°C
- Storage: -10 to 70°C

Humidity
- Operating: 10% ~ 90% (non-condensing)
- Storage: 10% ~ 90% (non-condensing)

Certification
- CE
- FCC Part 15 Class B
- LVD EN60950

Produce Weight (g)
- 600 g

Dimensions
- 123.1 x 189.2 x 31.9 mm

Ordering Information:

AirLive POE -FSH804   8-port Fast Ethernet Switch with 4-port PoE

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