

## AT-FS708/POE

### Unmanaged 8 port Power Over Ethernet Switch

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8-port 10/100TX unmanaged POE switch with 1 SFP

#### High Performance

Providing powerful 10/100 switching solutions for desktop, conference room and security applications, the Allied Telesyn FS708/POE unmanaged switch features automatic detection & classification of an attached POE device. With all eight ports POE capable (four at full 15.4w), this is the perfect solution for a wireless security or conference room application. The 10/100 ports on the switch feature full auto negotiation. These ports enable the switches to detect the speed and duplex modes of attached devices, enabling them to automatically configure for the best possible performance. One SFP port is also available for connecting this device to other switches in your network, such as the AT-85XX series of switches.

#### Simplified Installation

The AT-FS708/POE provides wallmount, rackmount & desktop options giving users their choice of deployment locations. Fully auto-configuring AT-FS708/POE switch requires minimal set-up by the user. Auto-sensing ports enable seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet UTP devices—and all units can be installed in minutes. Every AT-FS708/POE switch is equipped with auto MDI/MDIX across all ports for simple connection to other hubs and switches as well as automatic detection & classification of the POE ports. Finally, easy to read top panel LEDs show ongoing switch status and simplify troubleshooting.

#### Quality & Reliability

Allied Telesyn is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 each year, Allied Telesyn offers proven reliability and industry recognized quality, including a limited lifetime warranty.

#### Key Features

- 8 10/100TX ports
- 1 SFP uplink Port
- Auto detect and classification of POE
- POE capable on all 8 10/100TX ports (4 @ 15.4w max)
- IEEE 802.3af standard
- Non-Blocking architecture
- Auto-negotiation ports
- Auto MDI/MDIX on all ports
- Plug and Play installation
- Rackmount, wallmount & desktop hardware included

# AT-FS708/POE | Unmanaged 8 port Power Over Ethernet Switch

## Performance

|                  |  |
|------------------|--|
| Ethernet         | 10Mbps (half-duplex)<br>20Mbps (Full-duplex)   |
| Fast Ethernet    | 100Mbps (Half Duplex)<br>200Mbps (Full Duplex) |
| MAC Addresses    | 8K   |
| Packet Buffer    | 768K   |
| Half/Full Duplex |  |
| Auto Negotiation |  |
| Auto MDI/MDIX    | on all ports                                   |

## Interface Connections

10/100TX Rj-45  
1 x SFP

## Power Characteristics

|                    |            |
|--------------------|------------|
| Frequency          | 50 to 60Hz |
| Power Requirements | 90-240VAC  |
| Power Consumption  | 90W Max    |
| POE Power          | 48Vdc, 65W |
| Switch & Fan Power | 12Vdc, 20W |

## Environmental Specifications

|                        |                       |
|------------------------|-----------------------|
| Operating Temp         | 0-40 C (32-104F)      |
| Non-Operating Temp     | -25-70C (-13 to 158F) |
| Operating Humidity     | 10-90% Non-Condensing |
| Non-operating Humidity | 5-95% Non-Condensing  |
| Vibration IEC 68-2-36  |                       |
| Shock IEC 68-2-29      |                       |
| Drop IEC 68-2-32       |                       |

## Physical Characteristics

|            |  |
|------------|--|
| Dimensions | 4.3cm x 33cm x 22cm<br>(1.7" x 13" x 8.7") |
| Weight     | 1.90kgs (4.20 lbs)                         |

## Standards & Compliance

|             |                     |
|-------------|---------------------|
| IEEE802.3i  | 10T Ethernet        |
| IEEE802.3u  | 100TX Fast Ethernet |
| IEEE802.3x  | Flow Control        |
| IEEE802.3af | Power Over Ethernet |

## Certification

UL1950 TUV UL  
C-Tick CE Mark  
FCC Part 15  
CISPR 22  
EN55022

## Ordering Information

AT-FS708/POE-xx  
8-port 10/100TX unmanaged POE switch with 1 SFP

|          |   |
|----------|---|
| Where xx | = 10 for U.S. power cord<br>= 30 for U.K. power cord<br>= 40 for Australia power cord<br>= 50 for Europe power cord |
|----------|---|

## SFP modules

AT-SPTX  
10/100/1000T 100m Copper  
Order number: 990-000262-00

AT-SPSX  
GbE multi-mode 850nm fiber  
Order number: 990-00028-00

AT-SPLX10  
GbE single-mode 1310nm fiber up to 10km  
Order number: 990-00029-00

AT-SPLX40  
GbE single-mode 1310nm fiber up to 40km  
Order number: 990-00161-00

AT-SPLX40/1550  
GbE single-mode 1550nm fiber up to 40km  
Order number: 990-00160-00

AT-SPZX80  
GbE single-mode 1550nm fiber up to 80km  
Order number: 990-00031-00

AT-SPZX80/www  
GbE single-mode CWDM fiber up to 80km  
Order number: 990-000xx-00

| Where<br>www= | Where xx= | CWDM<br>Wavelength |
|---------------|-----------|--------------------|
| 1610          | 32        | 1610NM             |
| 1590          | 33        | 1590NM             |
| 1570          | 34        | 1570NM             |
| 1550          | 35        | 1550NM             |
| 1530          | 36        | 1530NM             |
| 1510          | 37        | 1510NM             |
| 1490          | 38        | 1490NM             |
| 1470          | 39        | 1470NM             |

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