

AT-FS708LE/POE

Unmanaged 8 Port Power Over Ethernet Switch



The AT-FS708LE/POE eco-friendly switch demonstrates the Allied Telesis commitment to environmentally friendly processes and products, minimizing power consumption through the use of a high-efficiency power supply and a low-power chipset.

With a low 39.2W maximum power consumption and switch power-scaling to scale traffic load — as well as other power-saving features included as standard — the Allied Telesis FS708LE/POE truly lives up to its name as an eco-friendly switch.

Not only does this help the planet by reducing the carbon footprint of each switch, it also lowers the Total Cost of Ownership (TCO) to the user, as the product costs less to run and boasts a high level of reliability.

High Performance

Providing powerful 10/100 switching solutions for desktop, conference room, and security applications, the AT-FS708LE/POE unmanaged switch features automatic detection and classification of an attached PoE device. With up to four Class 2 (7.2W) or two Class 3 (15.4W) PoE ports, 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.

Simplified Installation

Fully auto-configuring, the AT-FS708LE/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-FS708LE/POE switch is equipped with auto MDI/MDI-X across all ports for simple connection to other hubs and switches as well as automatic detection and classification of the PoE ports. Finally, easy-to-read top panel LEDs show ongoing switch status and simplify troubleshooting.

Quality and Reliability

Allied Telesis is a worldwide leader in engineering unmanaged Ethernet switches. Shipping more than 250,000 each year, Allied Telesis offers proven reliability and industry-recognized quality.

Key Features

- ▶ 8 × 10/100TX ports
- ▶ Auto detect and classification of PoE
- ▶ PoE capable on up to four ports at 7.3W or two at 15.4W
- ▶ IEEE 802.3af standard
- ▶ Non-blocking architecture
- ▶ Auto-negotiation ports
- ▶ Auto MDI/MDI-X on all ports
- ▶ Plug and Play installation

Power-Saving Features

- ▶ Maximum power consumption, regular: 4.8W
- ▶ Maximum power consumption, with PoE: 39.2W
- ▶ Overnight mode: when PCs are powered off, the switch reduces power
- ▶ Fanless for silent operation

Specifications

Performance

Ethernet	10Mbps (half-duplex) 20Mbps (full-duplex)
Fast Ethernet	100Mbps (half-duplex) 200Mbps (full-duplex)
MAC addresses	1K
Packet buffer	96KB
Half/full-duplex	
Auto-negotiation	
Auto MDI/MDI-X on all ports	

Interface Connections

10/100TX	RJ-45
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Power Characteristics

Frequency	50 to 60Hz
Power requirements	100 – 240V AC
Power consumption	39.2W max
PoE power	48vDC, 30W
AC voltage/frequency requirements:	100 - 240 VAC, 50/60 Hz

PoE power:

Available Power over Ethernet: 30W @ 48vDC

IEEE 802.3af Class 3 (15.4 W): Max 2 ports

IEEE 802.3af Class 2 (7.3 W): Max 4 ports

IEEE 802.3af Mode: Alternative A (MDI)

Environmental Specifications

Operating temp.	0°C to 40°C (32°F to 104°F)
Non-operating temp.	-25°C to 70°C (-13°F to 158°F)
Operating humidity	10% to 90% non-condensing
Storage humidity	5% to 95% non-condensing
Vibration	IEC 68-2-36
Shock	IEC 68-2-29
Drop	IEC 68-2-32

Physical Characteristics

Dimensions	17.1 cm x 9.8 cm x 2.9 cm (6.73 in x 3.86 in x 1.14 in)
Weight	0.43 kg (0.947 lb)

Standards and Compliance

IEEE 802.3i	10T Ethernet
IEEE 802.3u	100TX Fast Ethernet
IEEE 802.3x	Flow control
IEEE 802.3af	Power over Ethernet, mode A

Certifications

UL1950 TUV UL

C-Tick CE Mark

FCC Part 15

CISPR 22

EN55022

Ordering Information

AT-FS708LE/POE-xx

8-port 10/100TX eco-friendly unmanaged PoE switch

Where xx = 10 for US power cord
20 for no power cord
50 for European power cord