

8 -10 Port Industrial PoE Switch | IDS-108FPP

IDS-108FPP – Industrial PoE Switch

8 to 10 port Compact DIN Rail PoE Switch



- 8 port 10/100Base-TX (RJ45)
- 8 port 10/100Base-TX (RJ45) plus 1 or 2 SC/ST fiber ports
- 4 PoE/PoE+ PSE capable ports, fully compliant to IEEE 802.3af/at
- Hazardous Location and Industrial Control Equipment Certification
- Corrosion resistant IP30 aluminum case
- Redundant dual power input 24/48 VDC
- Overload current and reverse polarity protection
- Industrial operating temperature support up to -40 to 75C

Perle **Industrial-grade PoE Switches** are designed to stand up to **extreme temperatures, surges, vibrations,** and shocks found in **industrial automation, government, military, oil and gas, mining** and **outdoor applications**.

In addition, these PoE Switches are classified as **Power Sourcing Equipment (PSE)**. While using standard UTP cables that carry Ethernet data, the IDS-108FPP have 4 ports that also **provide up to 30 watts of power** to Powered Devices (PDs) such as **wireless access points, Voice over IP phones** and **IP cameras**. Learn more [about PoE](#).

The **IDS-108FPP is an 8 to 10 port Industrial Ethernet Switch** with **Power over Ethernet** providing advanced performance enabling real-time deterministic network operation. It requires no configuration and will operate instantly as soon as you power it up.

IDS-108FPP are **rugged fan-less switches** that are hardened to provide superior reliability **in 0 to 60°C**, or harsh extended operating temperatures **from -40 to 75°C**. They come in a variety of models with 8 copper ports, 8 copper ports plus 1 fiber port or 8 copper ports plus 2 fiber ports.

Perle has been **designing industrial hardware** for serial ModBus and Profinet to Ethernet conversion environments **for over 35 years** and have used this expertise to design the **toughest Ethernet switches on the market**. Don't trust your critical communications to commercial switch products. Perle Industrial Ethernet switches give you proven assurance that your system will keep running for years to come.

IDS-108FPP Industrial PoE Switch Features

Rugged design for harsh environments

- Corrosion resistant IP30 aluminum case
- UL508A Industrial Control Equipment Safety certified
- Hazardous locations - Class1/Div2, ATEX Class1/Zone2

Reliable operation	<ul style="list-style-type: none"> • Fan-less, no moving parts • Dual power input. Connect to separate power sources for redundancy. <ul style="list-style-type: none"> ◦ Reverse polarity protection ◦ Overload current protection • Handles vibration and shock conditions found in industrial environments
PoE and PoE+ (on 4 ports)	Up to 30 Watts per port driving up to four class 4 (IEEE 802.3at Type 2) PDs
Input Voltage Booster	Voltage boost technology supports 24V power sources ensuring that a full and proper PSE voltage is provided across all PoE ports
Real-time Ethernet performance	<ul style="list-style-type: none"> • Fast wire-speed , store and forward switching, non-blocking architecture • Auto-sensing for speed and duplex • Auto-mdi/mdix-crossover works with straight and crossover cables

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