



PS6069F

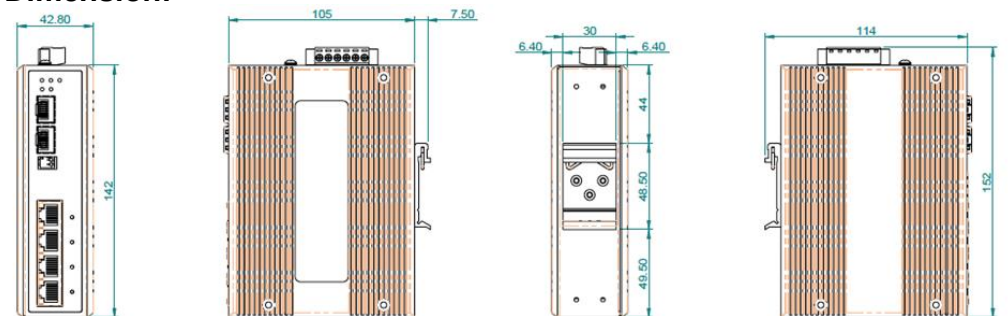
Gigabit POE Switch



This super high power Industrial Gigabit Switch is equipped with 4 ports 60W Gigabit PSE port to power up 60Watts PD, include outdoor speed dome, outdoor lamp, or high power PD devices. It accepts 44-56VDC input sources, especially for IP surveillance, traffic monitoring and for a broad range of applications. It can be used as a stand-alone device or can be cascaded/daisy-chain to other devices to cover wider area through the SFP connection.

- ▶ Rugged Industrial 4 port Gigabit POE Injector
- ▶ 60Watts
- ▶ 4 x 60W Giga TX PSE (802.3af/at POE+) + 2x100/1000M SFP
- ▶ 44-56VDC power input
- ▶ Operating temp: -40°C to +75°C

Dimension:



Technical Specifications

Gigabit POE Switch

Model#
PS6069F

IEEE Standard
IEEE 802.3 10Base-T Ethernet / IEEE 802.3u 100Base-TX Fast Ethernet
IEEE 802.3ab 1000Base-T Gigabit Ethernet / IEEE 802.3z 1000Base-X Gigabit Ethernet
IEEE802.3x Flow Control and Back Pressure/IEEE802.3af for POE/ IEEE802.3at for POE+

Switch Architecture / Data Processing / Packet buffer size
Back-plane (Switching Fabric): 12Gbps / Store and Forward / 1M

Flow Control / Jumbo Frame / MAC address table size
IEEE 802.3x Flow Control and Back Pressure / 9KB / 1K

Network connector
4xRJ-45 10/100/1000BaseT(X) auto negotiation, 4 Giga 60Watts POE+ 802.3at/af PSE port
Auto MDI/MDI-X function, Full/Half duplex, 2 x SFP 100/1000M BaseX

Network Cable
UTP/STP above Cat.5e Cable
EIA/TIA-568 10-ohm (100m)

Protocol / Case Dimension (L x W x D)
CSMA/CD / 142mmx43mmx105mm

DIP switch
DIP 1: OFF: Port 5 SFP ON(DEFAULT); ON: Port 5 SFP OFF
DIP 2: OFF: SFP 1000M (DEFAULT); ON: SFP 100M

POE power
POE power per port 60watts
Maximum total power 240Watts
Supports IEEE802.3af/at

Removable terminal block
Provide 2 Redundant power , Alarm relay contact ,6 Pin
Wire range: 0.34mm^2 to 2.5mm^2
Solid wire (AWG):12-24/14-22
Stranded wire(AWG): 12-24/14-22
Torque:5lb-In/0.5Nm/0.56Nm
Wire Strip length: 7-8mm

LED

PW1(Power 1) Green, PW2(Power 2) Green, ERR(Fault) Amber
TX/RJ-45 port: LNK (Link/Active) Green, SPD(Speed) 10/100(OFF) ,1000 (Green)
SFP Fiber Per port: Link (Green), Active Flash

Reserve polarity protection & Overload current protection
Present

Power supply
Redundant Dual DC 44V-56V Power Input
POE input 44-56VDC

Alarm Relay Contact
Relay outputs with current carrying capacity of 1 A @24VDC, Relay in short circuit mode when 2 powers are connected. in open circuit mode when only one power supply is connected

Power consumption
5.76W@48 VDC full load, Without POE / Max total power 240 Watts / Max per port 60Watts

Housing
Rugged Metal, IP30 Protection

Operating temperature / Operating Humidity / Storage temperature
-40°C ~ 75°C fully tested / 5% to 95% (Non-condensing) / -40°C ~ 85°C

MTBF (mean time between failure)
510,304 hrs (MIL-HDBK-217F) at 25°C

Certifications	
EN55022/24	ITE equipment
EN55011	Industrial, Scientific and Medical (ISM) equipment
Safety / EMC/EMS	IEC EN60950-1, CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EN 50155 / EN 60068-2-6	Vibration
EN 50155 / EN 60068-2-27	Shock
EN 50155 / EN 60068-2-32	Free Fall
EN50121-3-2	Railway Applications – Electromagnetic Compatibility – Part 3-2 Rolling Stock - Apparatus
EN50121-4	Railway Applications – Electromagnetic Compatibility – Part4 Emissions and Immunity of the Signaling and Telecommunications Apparatus
EN50155	Railways Applications Electronic Equipment used on Rolling Stock