

DP1026GF-24V

8-Port 10/100/1000BaseT (PoE) + 2-Port 1000FX (SFP)

Industrial Gigabit PoE Switch

- Supports Input Power of 24V~48VDC 120W
- 8-port IEEE 802.3af/at PoE standards
- Support total PoE output power at max.100W for 8 ports
- 2-port Gigabit fiber SFP connectors
- Dual input power of Power Din and Terminal Block
- Wide operating temperature range from -40°C to 75°C
- 6KV surge protection and grounding pin supported



OVERVIEW

DP1026GF-24V is a 8-port 10/100/1000BaseT PoE and 2-port 1000Mbps SFP Industrial Gigabit IEEE 802.3af/at PoE Switch for power input from 24VDC~48VDC 120W. It supports a total PoE output power budget at maximum 100W for the 8-port RJ45 Gigabit connections. This slim switch is designed with Wall-mountable or DIN rail mountable, making installation more easy.

Besides redundant power supply with overload current protection, it embeds with power din and 6-pin terminal block to prevent from power failure event and with sufficient power of up to 5A. It supports dual power backup to ensure system power loss immunity.

With 24V 120W input power, the 8-port 10/100/1000Base-T PoE Switch may support up to 30W for each PoE port and with a total power budget of maximum 100W for all the 8 PoE ports. For input voltage higher than 24V, the maximum input power is at 120W.

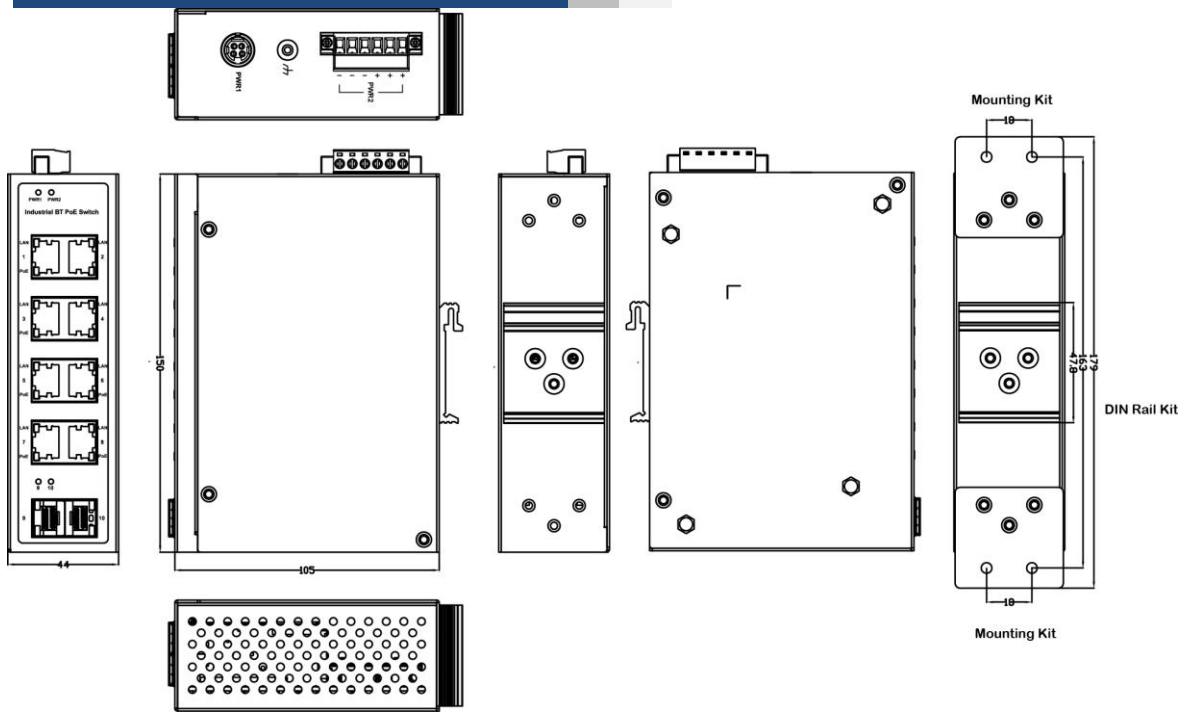
The DP1026GF-24V is designed to meet with critical network environment with IP 30 enclosure and test under extensive Industrial EMI and Safety standards. It also passed stability testing such as free fall, shock and vibration.

The DP1026GF-24V can be used in extreme environments with an operating temperature range of -40°C to 75°C.

FEATURES & BENEFITS

- **System Interface/Performance**
 - RJ-45 port support Auto MDI/MDI-X Function
 - Store-and-Forward Switching Architecture
 - Back-plane (Switching Fabric): 20Gbps
 - 8K MAC address table
- Supports Wide Operating Temperature (-40°C~75°C)
- IP-30 Metal Housing with DIN Rail and Wall Mount Design
- 24V~48VDC Redundant Power Input (Power Din & Terminal Block) up to 5 Amp for power backup
- Polarity reverse protection & removable terminal block
- 8-Port IEEE802.3af/at PoE Standards
- Support upto 30W for each PoE port
- 2-Port Gigabit Fiber SFP connector

Industrial Gigabit PoE Switch



SPECIFICATIONS

IEEE Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX /FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX IEEE802.3x Flow Control and Back Pressure IEEE 802.3bt/at/af, PoE++	LED	Power Indicator Green x 2 for PWR1 and PWR2 LAN Green ON/Flashing for 1000M Link/Act Amber ON/Flashing for 10/100Mbps Link/Act PoE Amber ON for PoE
Switch Properties	Back-plane (Switching Fabric): 20Gbps Packet throughput ability (Full-Duplex): 1,488,100pps @64bytes	Power Supply	24V~48VDC 120W, Redundant power with polarity reverse protect function and removable terminal block PWR1 (Power Din), PWR2 (6-pin Terminal Block) up to 5 Amp
Transfer Rate	14,881pps for Ethernet port 148,810pps for Fast Ethernet port 1,488,100pps for Gigabit Ethernet port	Consumption	3.76 Watts (Full load: Only Ethernet)
Connectors	10/100/1000TX: 8 x RJ-45 with auto MDI/MDI-X function 1000M fiber: 2 x 1000Mbps SFP slot for Single-mode or Multi-mode type fiber cable	Overload Current	Present
MAC Address	8K MAC addresses	Reserve Polarity	Present
Processing	Store-and-Forward	Operating Humidity	5% to 95% Non-condensing
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100/1000BaseT: 2-pair UTP/STP Cat. 5, 6 cable EIA/TIA-568 100-ohm (100m)	Operating Temperature	-40°C~75°C / -40°F~167°F
Optical Cable	Multi-mode: 50/125um~62.5/125um Single-mode: 9/125um Available distance: 2km (Multi-mode) / 30km (Single-mode) Wavelength: 1310nm (Multi-mode/Single-mode)	Storage Temperature	-40°C~85°C / -40°F~185°F
Protocol	CSMA/CD	EM/EMS	FCC Class A EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11 CE EN55022 Class A, CE EN55024
Case Dimension	Metal case, IP-30; 44mm(W)x105mm(D)x150mm(H)	Stability Testing	IEC60068-2-32 (Free fall) IEC60068-2-27 (Shock) IEC60068-2-6 (Vibration)
Weight	620g	Warranty	2 years