

# DE1026G

8-Port 10/100/1000TX

Industrial Unmanaged Gigabit Switch

- Redundant power supply with overload current protection
- 6KV Surge Protection
- Wide operating temperature range from -40°C to 75°C
- Supports dual input power of 12VDC ~ 48VDC
- Grounding pin supported for safety design



## OVERVIEW

The DE1026G is a 8-port 10/100/1000TX Industrial Gigabit Switch for plug-and-play installation. 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 is with power din design for external power supply and terminal block to support dual input power of 12VDC ~ 48VDC.

The DE1026G 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.

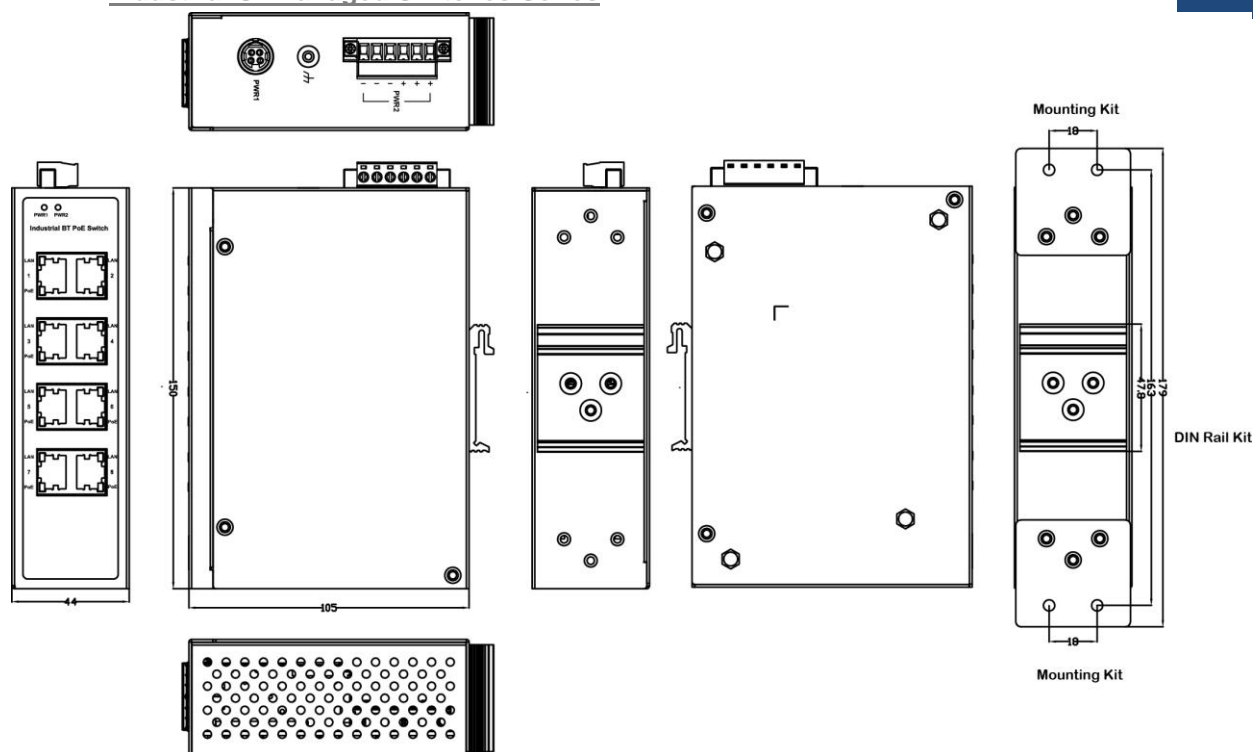
The DE1026G can be used in extreme environments with an operating temperature range of -40°C to 75°C.

## FEATURES & BENEFITS

- **System Interface/Performance**
  - RJ-45 port support Auto MDI/MDI-X Function
  - Store-and-Forward Switching Architecture
  - Back-plane (Switching Fabric): 16Gbps
  - 8K MAC address table
- Supports Wide Operating Temperature (-40°C~75°C)
- IP-30 Metal Housing with DIN Rail and Wall Mount Design
- DC12V-48V Redundant Power of power din and terminal block
- Polarity reverse protection & removable terminal block

## DIMENSIONS

## Industrial Unmanaged Switches Series



## SPECIFICATION

IEEE Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-TX IEEE802.3z 1000Base-SX/LX IEEE802.3x Flow Control and Back Pressure	Power Supply	12~48VDC, Redundant power with polarity reverse protect function and removable terminal block
Switch Properties	Back-plane (Switching Fabric): 16Gbps Packet throughput ability (Full-Duplex): 1,488,100pps @64bytes	Consumption	3.76 Watts (Full load: Only Ethernet)
Transfer Rate	14,881pps for Ethernet port 148,810pps for Fast Ethernet port 1,488,100pps for Gigabit Ethernet port	Overload Current	Present
Connectors	10/100/1000TX: 8 x RJ-45 with auto MDI/MDI-X function	Reserve Polarity	Present
MAC Address	8K MAC addresses	Operating Humidity	5% to 95% Non-condensing
Processing	Store-and-Forward	Operating Temperature	-40°C~75°C / -40°F~167°F
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100/1000Base-TX: 2-pair UTP/STP Cat. 5, 6 cable EIA/TIA-568 100-ohm (100m)	Storage Temperature	-40°C~85°C / -40°F~185°F
Protocol	CSMA/CD	EMI/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	580g	Warranty	2 years
LED	<b>Power Indicator</b> Green LED x 2 (PWR 1 & 2) <b>LINK</b> Green LED at 1000M, Amber LED for 10/100M		

## ORDERING INFORMATION

### ■ DE1026G

8 x 10/100/1000TX Industrial Gigabit Switch; Input Power 12VDC~48VDC ; -40°C~75°C;