

D8050

Rugged Industrial 5 port Gigabit Ethernet Switch

5x10/100/1000M TX, Power Input 9VDC - 56VDC or 18VAC – 36VAC

Operating temp: -20°C to +70°C



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Introduction

This rugged designed industrial 5 port Gigabit Ethernet switch is equipped with wide range of VAC and VDC power input. It is suitable for heavy usage area include, hazardous, environmental, or central control place where a reliable device is critical. It is an ideal solution for Industrial Automation, IP surveillance, traffic monitoring and a wide range of applications. It is being rigorously tested for your Security, Transportation and Telco application..

Specification

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,
Switch Architecture	Back-plane (Switching Fabric): 10Gbps
Data Processing	Store and Forward
Flow Control:	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
MAC address Table Size	2K
Packet Buffer Size	1M
Network Connector :	5xRJ-45 10/100/1000BaseT(X) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP above Cat.5e Cable
	EIA/TIA-568 10-ohm (100m)
	Fiber Cable (Multi-mode):50/125um,62.5/125um Fiber Cable (Single-mode): 9/125um
Protocol	CSMA/CD
LED	PW1(Power 1) Green, PW2(Power 2) Green,
	TX/RJ-45 port: LNK (Link/Active) Green, SPD(Speed) 10/100(yello) ,1000 (Green)
Housing	Aluminum
Reserve polarity protection	Present
Overload current protection	Present
Power Supply	Redundant Dual Power Input 9VDC-56VDC or 18VAC-36VAC
Power Consumption	2.76W@48 VDC full load
Removable Terminal Block	Provide 2 Redundant power, 4 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

Operating Temperature	-20°C-70°C fully tested.
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C-85°C
MTBF (mean time between failure)	510,304 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal ,IP30 Protection
Case Dimension (L x W x D)	103.5mmx32mmx81.5mm (LxWxD)
Installation mounting	DIN Rail mounting and Wall Mounting
Certifications:	
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A

Housing Dimension

