

# IGS-U041T Industrial 5/8 port Gigabit Switch

# LCSI



## Benefits

- System Interface/Performance
  - 10/100/1000T RJ-45 port support Auto MDI/MDI-X Function, Auto Negotiation, Full/Half Duplex
  - Store-and-Forward Switching Architecture
  - Back-plane (Switching Fabric): 16Gbps
  - 192 Kbits Memory Buffer
  - 4K MAC address table
  - Jumbo Frame 9KB
- Power Supply
  - Redundant Dual Power Input 12-48 VDC
- Case/Installation
  - IP-30 Protection
  - DIN Rail and Wall Mount Design
- Support -10°C~70°C
- Reverse Polarity Protection
- Overload Current Protection

## Standard Compliance

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE802.3x Flow Control and Back Pressure,
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## Hardware Specification

Switch Architecture	Back-plane (Switching Fabric): 16Gbps 14,880pps for Ethernet port
Transfer Rate	148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet port
Memory Buffer	192K bits
MAC Address	4 K
Jumbo Frame	9K bytes
Connector	10/100/1000T: 5/8 x RJ-45 with auto MDI/MDI-X function; UTP/STP Above Cat. 5e Cable
Network Cable	EIA/TIA-568 100-ohm(100m) Fiber Cable(Multi-mode): 50/125um, 62.5/125um Fiber Cable(Single Mode):9/125um
DIP Switch	Port break Alarm
LED	Power, Faults, 1000M and Link/Act
Removable Terminal Block	Provide 2 Redundant power, 6 Pin Wire range: 0.34mm <sup>2</sup> to 2.5mm <sup>2</sup> 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
Power Consumption	8 Watts Maximum
Alarm Contact	One Relay Output with current carrying capacity of 1A @ 24 VDC

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\*\* Specifications are subject to change without prior notice.\*\*

Overload current protection & Reverse polarity protection	Present
Power Supply	Redundant Dual Power Input 12-48 VDC
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	-10°C~70°C
Storage Temperature	-40°C~85°C
Case Dimension	Metal case. IP-30, 50mm (W) x 108mm (D) x 120mm (H)
Installation	DIN Rail and Wall Mount Design
Certification	
Safety	UL, CUL, CE, EN60950-1
EMI	FCC Class A Part 15
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), Level 3, EN61000-4-6 (CS), Level 3
<b>Shock</b>	IEC60068-2-27
<b>Free Fall</b>	IEC60068-2-32
<b>Vibration</b>	IEC60068-2-6

### Order Information

Product Name	Description
IGS-U050	5 x 10/100/1000T Industrial Gigabit Switch(-10°C~70°C)
IGS-U080	8 x 10/100/1000T Industrial Gigabit Switch(-10°C~70°C)

### Housing Dimension

