

CEG2-0500

5-Port Industrial Gigabit Ethernet Switch

- 5*10/100/1000Tx, 12-48VDC Power Input



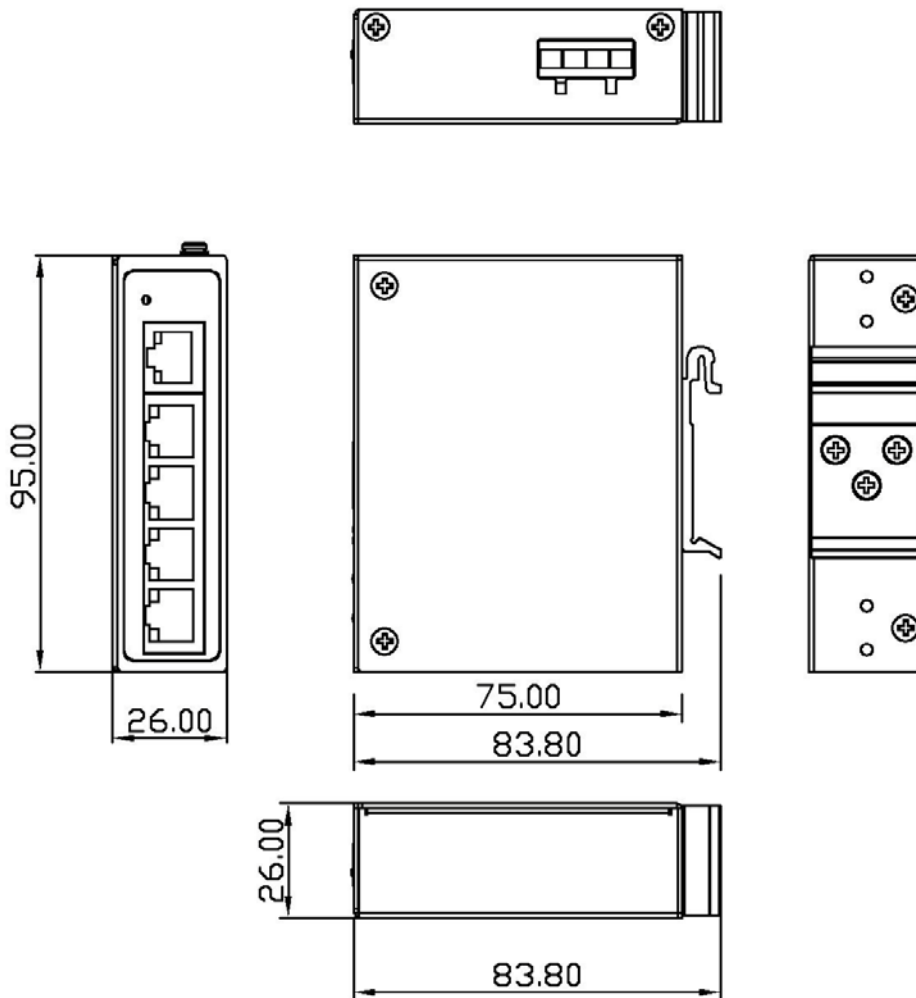
Feature



- 5-port 10/100/1000Tx Gigabit Ethernet
- Redundant Power Input Design, 12-48VDC
- IP30 Rugged Metal Case Design
- Operating Temperature Range, STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C



Dimensions (unit = mm)



Specifications

Technology

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control

Switch Properties

Switch Architecture	Back-Plane: Non-Blocking Switching Fabric
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Memory Buffer	1M bits
Jumbo Frame	10K bytes
MAC Table size	8K

Interface

RJ45 Ports	5*10/100/1000BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
LED Indicators	Power Ethernet Ports: On-Link/Flash-data transmitting
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)

Power Requirements

Input Voltage	12-48VDC, Redundant Input
Overload Current Protection	Present(Slow-Blow Fuse)
Power Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Present
Power Consumption	6.6Watts

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions	26 x 95 x 75 mm (W x H x D)
Weight	Unit Weight: 0.3kg, Shipping Weight: 0.5kg
Mounting	DIN-Rail Mounting, Wall Mounting

Environmental Limits

Operating Temperature	STD: -10°C ~ 65°C (14°F ~ 149°F); EOT: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A, CE EN 55032 Class A
EMS	EN 61000-6-2, EN 61000-6-4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant

Safety	UL 61010-1, UL 61010-2-201
Compliance	NEMA TS2 (ITS) – EoT version
Warranty	5 Years

Due to continuous improvement, all product specifications are subject to change without further notice.

Ordering Information

CEG2-0500	5-Port Industrial Ethernet Switch - 5*10/100/1000Tx
CEG2-0500-T	5-Port Industrial Ethernet Switch - 5*10/100/1000Tx, Extended Operating Temperature: -40° to 75° C

Optional Accessories

MDR-10-12	10W Industrial Din Rail Power Supply, 12VDC
MDR-20-24	20W Industrial Din Rail Power Supply, 24VDC
MDR-40-48	40W Industrial Din Rail Power Supply, 48VDC
MDR-60-48	60W Industrial Din Rail Power Supply, 48VDC