

CPG2-0500

5-Port Industrial Gigabit PoE+ Ethernet Switch

-5*10/100/1000Tx with 4*PoE Injector (30W/Port), 48-55VDC Power Input



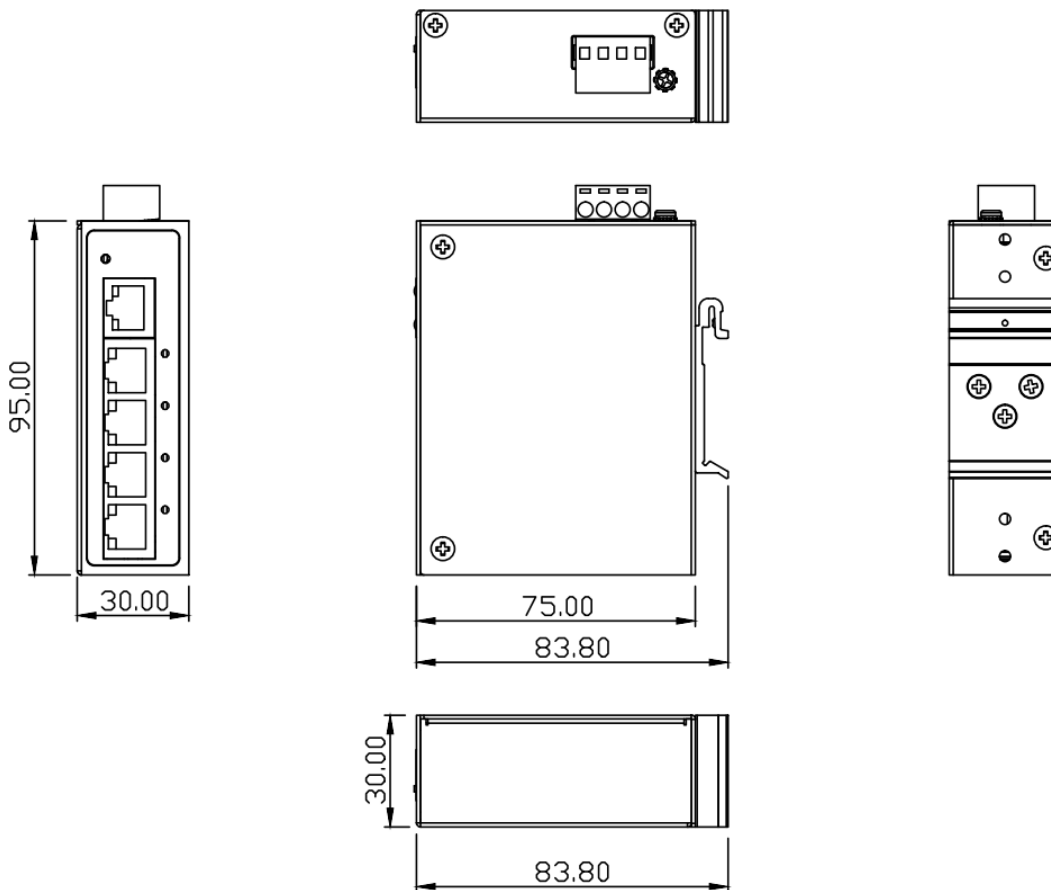
Feature



- 4-port 10/100/1000Tx Gigabit Ethernet with IEEE 802.3at PoE+ Compliant (30W/Port)
- 1-port 10/100/1000Tx Gigabit Ethernet
- Provided Max. 120W full PoE power budget
- Redundant Power Inputs Design, 48-55VDC
- Compact size and IP30 Rugged Metal Case Design
- Fan-less design
- DIN-Rail Mounting & Wall Mounting installation
- 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 IEEE 802.3af/at PoE PSE
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	1Mbits
Jumbo Frame	10Kbytes
MAC Table size	8K

Interface

RJ45 Ports	5*10/100/1000BaseT(X) with 4* PoE+, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI Alternative A)
LED Indicators	Power Ethernet Ports: On-Link/Flash-data transmitting PoE : On-connected to PD devices
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	48-55VDC, Redundant Inputs
Overload Current Protection	Present(Slow-Blow Fuse)
Power Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Present
PoE Power Output	30Watts max. per PoE port
Power Consumption	5.5Watts for system
Max. PoE Power Budget	120Watts

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions	30 x 95 x 75 mm (W x H x D)
Weight	Unit Weight: 0.35kg, Shipping Weight: 0.45kg
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 55022 Class A
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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
Warranty	5 Years

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

Ordering Information

CPG2-0500	5-Port Industrial Gigabit PoE+ Ethernet Switch - 5*10/100/1000Tx with 4*PoE Injector (30W/Port)
CPG2-0500-T	5-Port Industrial Gigabit PoE+ Ethernet Switch - 5*10/100/1000Tx with 4*PoE Injector (30W/Port), Extended Operating Temperature: -40° to 75° C

Optional Accessories

DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC
DR-120-48	120W Industrial DIN-Rail Power Supply, 48VDC
SDR-120-48	120W Industrial DIN-Rail Power Supply, 48VDC, (48-55VDC)
SDR-240-48	240W Industrial DIN-Rail Power Supply, 48VDC, (48-55VDC)
SDR-480-48	480W Industrial DIN-Rail Power Supply, 48VDC, (48-55VDC)