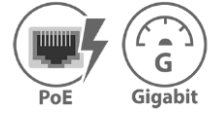




CPG2-0500 Series

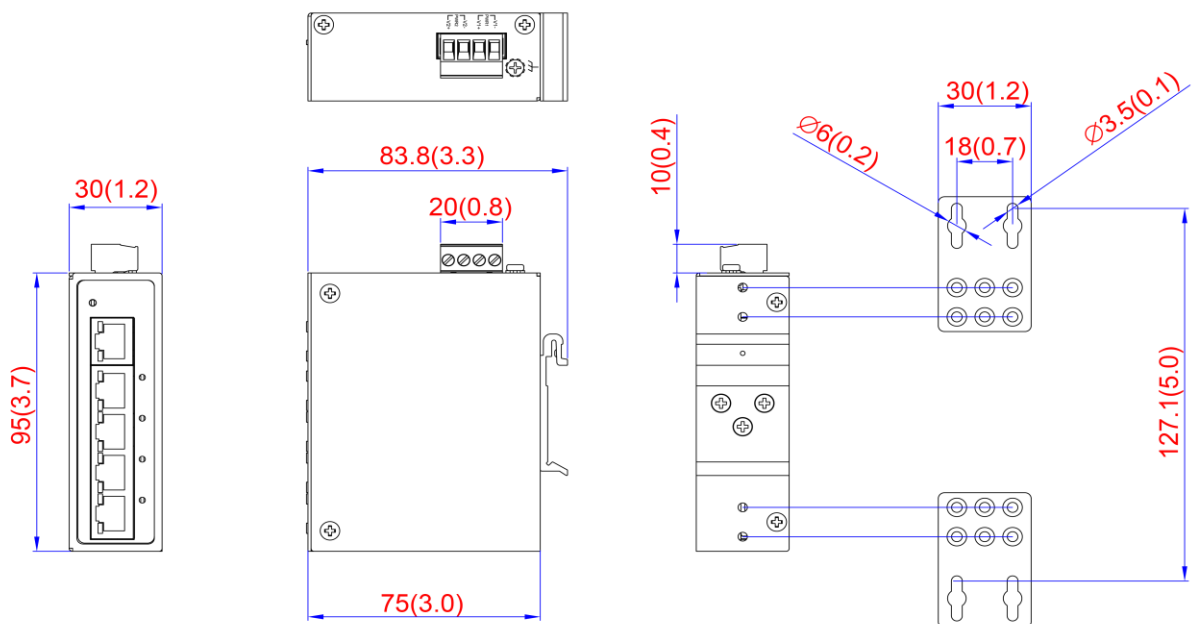
5-Port Industrial Compact Gigabit Ethernet PoE+ Switch
-5*10/100/1000BASE-T with 4*PoE-PSE (30W/Port), 48-55VDC



- 4-port 10/100/1000BASE-T Gigabit Ethernet with IEEE 802.3at PoE+ Compliant (30W/Port)
- 1-port 10/100/1000BASE-T 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
- Operating Temperature Range - STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C



Dimension



Unit: mm (inch)

Din-rail

Wall-mount

Specification

Technology	
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3af/at Power over Ethernet
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x Flow Control, back pressure flow control
Switch Properties	
Switching Fabric (Back-Plane)	10Gbps
Memory Buffer	1Mbits
MAC Table Size	8K
Jumbo Frame	10K bytes
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Interface	
RJ45 Ports	5*10/100/1000BASE-T with 4*PoE+ Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X
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
Relay Contact	24 VDC, 1A resistive
Network Cable	10BASE-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BASE-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BASE-T: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
Power Requirements	
Input Voltage	Dual 48-55VDC redundant power inputs
Power Connection	1*removable 4-contact terminal block
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
System Power Consumption	Max. 5.5W full loading
PoE Power Output	30Watts max. per PoE port
Max. PoE Power Budget	120Watts
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions (W x H x D)	30(W) x 95(H) x 75(D)mm (1.2 x 3.7 x 3.0 inch)
Weight	Unit weight: 0.35kg (0.77 lb), Shipping weight: 0.45kg (0.99 lb)
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 EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2: IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
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

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

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Comparison Table

Model Name	10/100/1000 PoE+	100/1000 SFP	Power Inputs	PoE Max. Power Budget	Operating Temperature
CPG2-0500	5	-	48-55VDC	120Watts	-10°C ~ 65°C
CPG2-0500-T	5	-	48-55VDC	120Watts	-40°C ~ 75°C

Ordering Information

CPG2-0500	5-Port Industrial Compact Gigabit Ethernet PoE+ Switch -5*10/100/1000BASE-T with 4*PoE-PsE (30W/Port), 48-55VDC, -10°C ~ 65°C
CPG2-0500-T	5-Port Industrial Compact Gigabit Ethernet PoE+ Switch -5*10/100/1000BASE-T with 4*PoE-PsE (30W/Port), 48-55VDC, -40°C ~ 75°C

Optional Accessories - Power Supply Series

75W Power Supply Series	
EDR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC/1.6A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 60°C
NDR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC/1.6A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C
120W Power Supply Series	
EDR-120-48	120W Industrial DIN-Rail Power Supply, 48VDC/2.5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 60°C
NDR-120-48	120W Industrial DIN-Rail Power Supply, 48VDC/2.5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C
240W Power Supply Series	
NDR-240-48	240W Industrial DIN-Rail Power Supply w/ PFC, 48VDC/5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C
480W Power Supply Series	
NDR-480-48	480W Industrial DIN-Rail Power Supply w/ PFC, 48VDC/10A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C