

CPG2-0500

5-Port Industrial Gigabit PoE+ Ethernet Switch

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



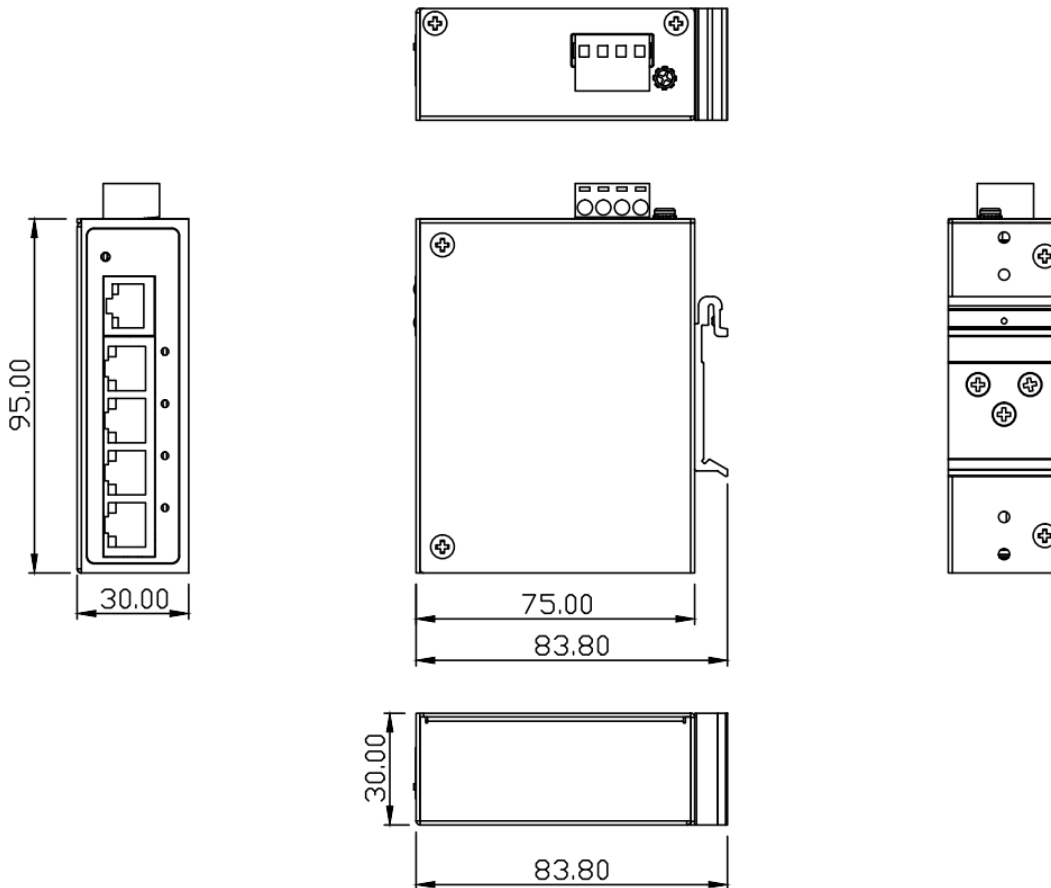
Feature



- 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

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|------------------------|---|
| 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

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| 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

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| 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

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|------------------------------------|--------------------------------------|
| 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

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|-------------------|--|
| 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

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|----------------------------------|---|
| 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

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| 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

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|--------------------|--|
| 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

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|-------------------|--|
| 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) |