

EGU-0800

8-Port Industrial Gigabit Ethernet Switch

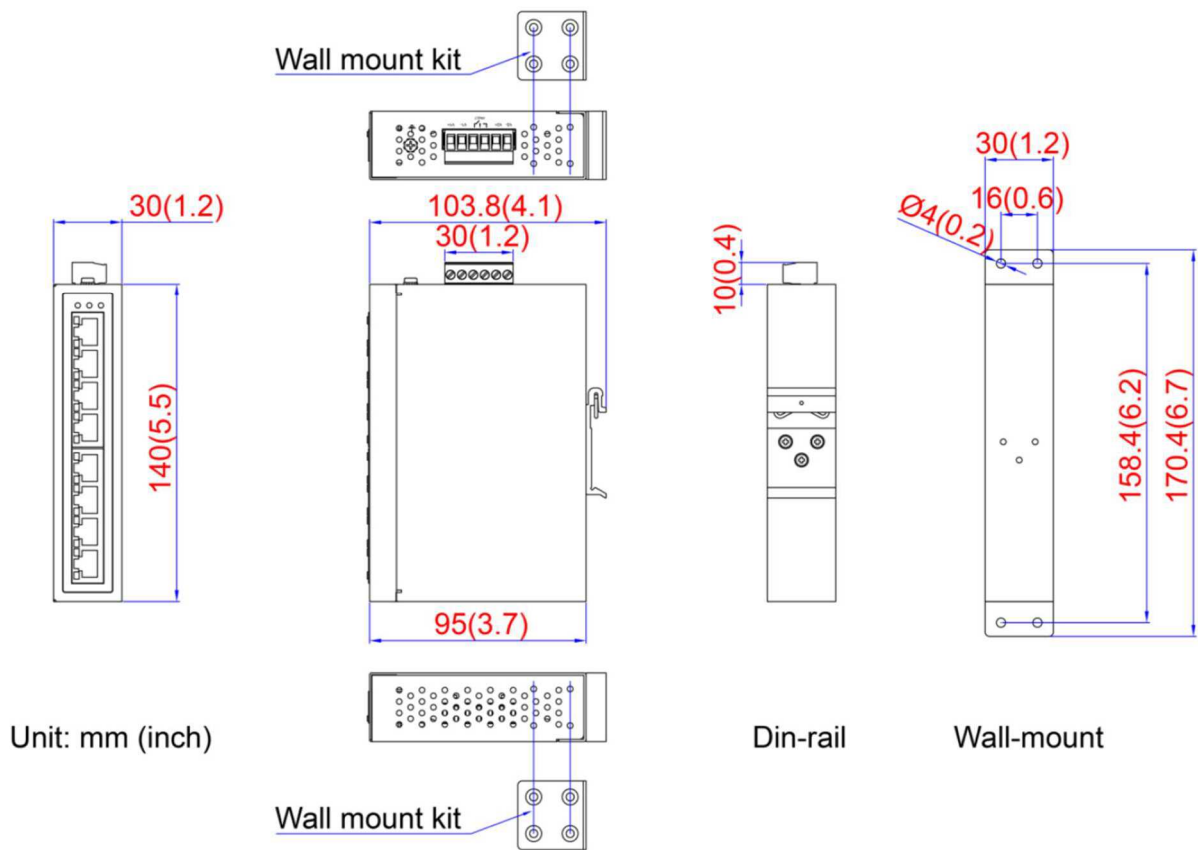
8*10/100/1000Tx, 12-48VDC Power Input



8-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



Ordering Information

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|------------|--|
| EGU-0800 | 8-Port Industrial Gigabit Ethernet Switch, 8*10/100/1000Tx, 12-48VDC, -10°C ~ 65°C |
| EGU-0800-T | 8-Port Industrial Gigabit Ethernet Switch, 8*10/100/1000Tx, 12-48VDC, -40°C ~ 75°C |

Technology

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|------------------------|--|
| Standards | IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX 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

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|--------------------------------------|--|
| Back-Plane (Switching Fabric) | 16 Gbps |
| Memory Buffer | 4 Mbits |
| Jumbo Frame | 9.6Kbytes |
| MAC Table Size | 8K |
| Transfer Rate | 14,880pps for Ethernet Port, 148,800pps for Fast Eth., 1,488,000pps for Gigabit Eth. |

Interface

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|-----------------------|--|
| RJ45 Ports | 8*10/100/1000 Base-T(X), Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X |
| LED Indicators | System: Power 1, Power 2, Fault Ethernet ports: On-Link/Flash-data transmitting |
| 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-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m) |

Power Requirements

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|------------------------------------|--------------------------------------|
| Input Voltage | Dual 12-48VDC redundant power inputs |
| Power Connection | 1 removable 6-contact terminal block |
| Overload Current Protection | Present (Slow-Blow Fuse) |
| Reverse Polarity Protection | Present |
| System Power Consumption | Max. 9.2 W full loading |

Mechanical Characteristics

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|-------------------------------|--|
| Housing | Metal, IP30 protection |
| Dimensions (W x H x D) | 30 x 140 x 95 mm (1.2 x 5.5 x 3.7 inch) |
| Weight | Unit weight: 0.52kg (1.14 lb), Shipping weight: 0.65kg (1.43 lb) |
| Mounting | DIN-Rail Mounting, Wall Mounting |

Environmental Limits

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|----------------------------------|---|
| Operating Temperature | STD: -10°C ~ 65°C (14°C ~ 149°F), EOT: -40°C ~ 75°C (-40°C ~ 167°F) |
| Storage Temperature | -40°C ~ 85°C (-40°C ~ 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 EN55032/EN61000-6-4 Class A |
| EMS | CE EN55024/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 |
| CE | Yes |
| UL | UL61010-1, UL61010-2-201 |
| Warranty | 5 Years |