



ES 1010G-2SFP



- 8x Gigabit Ethernet ports
- 2x 100/1000F(x) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP-30 Hardened Enclosure
- DIN-Rail Mounting, Optional Wall Mounting

Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control
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Processing Type	Store and Forward
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Switch Properties

Switch Fabric	20Gbps
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Priority Queues	-
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MAC Table Size	8K
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Packet Buffer	4Mbits
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Interface

RJ45 Port	8x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
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Fiber Port	2x 100/1000F(x) SFP Slot
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LED Indicators	Per unit: PWR1, PWR2, Fault Ports: Link/Active with highest speed(Green), low speed(Amber)
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Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
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Power Requirements

Operation Voltage	12-48VDC, redundant dual inputs
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Connection	1x removable 6-contact terminal block
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Power Consumption	15W
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	Aluminum
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Protection Class	IP-30
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Dimensions	50x120x100 mm (WxHxD)
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Weight	0.7 kg
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Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits
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Environmental Limits

Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
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Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
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Ambient Humidity	5 to 95%, (Non-Condensing)
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Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
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EMS	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)
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Free Fall	IEC60068-2-32
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Shock	IEC60068-2-27
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Vibration	IEC60068-2-6
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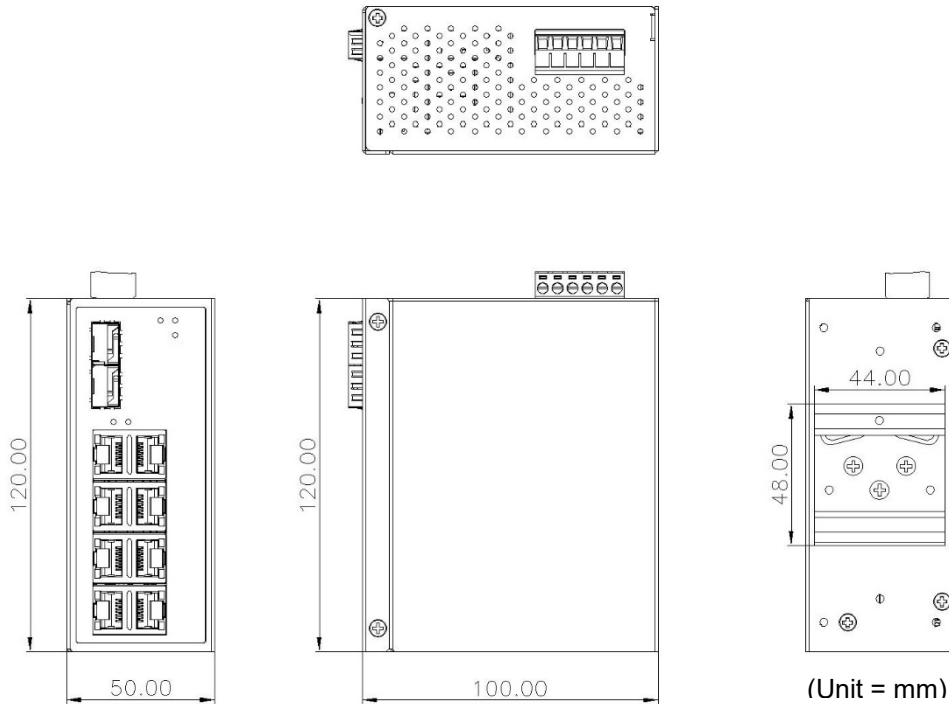
Green	RoHS Compliant
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Certifications	IEC 61000-6-2 IEC 61000-6-4
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MTBF	>100,000 hours
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Warranty	5 Years
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Dimensions



Ordering Information

ES 1010G-2SFP

8G+2GSFP Industrial Unmanaged Gigabit Ethernet Switch
 - 8x 10/100/1000T(x) + 2x 100/1000F(x) SFP Slot
 - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

Industrial DIN Power Supply

DRC-24V30W1AZ 30W Industrial DIN-Rail Power Supply, 24VDC (metal case)

SFP

SFPFM2	SFP, 100Mbps, LC, multi-mode, 2KM, 0~70°C
SFPFS30	SFP, 100Mbps, LC, single-mode, 30KM, 0~70°C
SFPGM05	SFP, 1000Mbps, LC, multi, DDM, 550M, 0~70°C
SFPGM2	SFP, 1000Mbps, LC, multi, DDM, 2KM, 0~70°C
SFPGS10	SFP, 1000Mbps, LC, single, DDM, 10KM, 0~70°C

Note: Specifications in this datasheet are subject to change without prior notice.