24+2 Unmanaged 10/100/1G SFP Industrial Rack Mount Switch

ETH-R2402G-AC-1

AC-powered 19-inch rackmount Gigabit switch with fiber uplink options.

The RLH 26-Port 10/100/1G Unmanaged Industrial Ethernet Rackmount Switch (ETH-R2402G-AC-1) is an environmentally hardened, high-performance networking platform engineered to maintain mission-critical communications in harsh and demanding environments.

This switch provides 24 dedicated 10/100/1G (1000Base-T) ports and two additional 1000Base-T ports that share media access with two 100/1G SFP slots, enabling flexible copper or fiber uplink configuration. Its 1U, 19-inch rackmount form factor delivers a high port count while minimizing space requirements.
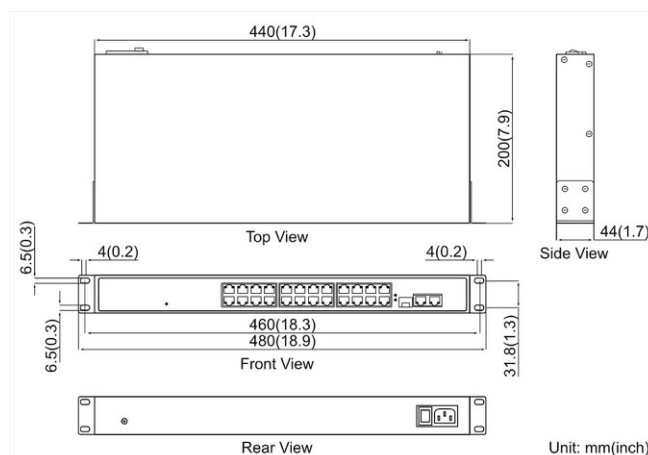

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Features

- Hardened to operate in -40°C to 75°C (-40°F to 167°F)
- 24 ports of 10/100/1G + 2 Combo ports (2 - 10/100/1G Tx RJ45 and 2 – SFP ports)
- Auto MDI/MDI-X
- 8K MAC Address Table
- 9.6 Kbyte Jumbo Frames
- 100-240VAC power input
- 19" rack mount (1U)
- Rugged case rated to IP-40
- NDAA and TAA Complaint
- 5 Year Warranty

Dimensions

General Specifications

Data Process	Store and Forward, CSMA/CD
Standards	**IEEE 802.3** 10BaseT (Ethernet), **IEEE 802.3u** 100BaseTX (Fast Ethernet), **IEEE 802.3x** (Flow Control), **IEEE 802.3ab** 1000BaseT (Gigabit Ethernet)
Transfer Rate	14,880pps – Ethernet, 148,800pps - Fast Ethernet, 1,488,000pps – Gigabit Ethernet
Transmission Distance	Up to 100 Meters/328 Feet over twisted pair cabling
Transmission Speed	Up to 1Gbps
MAC Address:	8k table size
Ethernet Interface	Auto-MDI/MDIX, Auto-Negotiation, Full/Half-Duplex Support
Ethernet Ports	24x 10/100/1G bps + 2x shared combo ports 10/100/1G 1000base-T and 2x 100/1G SFP Slots
LED Status Indicators	Ethernet Ports (Link and Activity)
Power Input	100~240 VAC, 50-60Hz
Power Consumption	Max. 21 Watts
Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Humidity	5% to 95% (non-condensing)
Construction	Powder coated IP40 steel housing
Case Dimensions	440(W) x 44(H) x 200(D) mm *Not including dust caps or rack mounting brackets
Mounting Style	19" rack mount – 1U
EMI/EMS	FCC Part 15 Subpart B Class A, CE EN61000-6-4 Class A, CE EN61000-6-2: IEC61000-4-2 (ESD), EC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Safety	CE EN61000-6-4 Class A, FCC Part 15 Subpart B Class A,
Compliance	NDAA, TAA, RoHS and REACH compliant
Warranty	5 Years - Visit www.fiberopticlink.com for warranty details

Ordering Information

Description	Part Number
24+2 Unmanaged 10/100/1G Industrial Ethernet Switch, Rack Mount, SFP(100/1G) ports, 120-240VAC Power	**ETH-R2402G-AC-1**

Contact

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