EKI-2428G-4CI

24GE+4GE Combo port **Unmanaged Industrial Ethernet Switch**



Features

- 24 x Gigabit ports + 4 x Gigabit copper/SFP combo ports
- SFP socket for Easy and Flexible Fiber Expansion
- Provides 8K MAC address
- Supports 12-48V_{DC} power input
- -40 ~ 70°C wide-range operating temperature







Introduction

The EKI-2428G is an industrial-class unmanaged switch with 24 Gigabit ports and 4 Gigabit combo ports. It is designed for rack-mount installation, and can be deployed in demanding industrial environments. It is suitable for edge to core industrial networks. It is highly reliable with -40 ~ 70 °C wide temperature operation.

Specifications

Communications

Standard IEEE 802.3, 802.3u, 802.3x, 802.3z, 802.1D, 802.1w,

802.1p. 802.1Q. 802.1X. 802.3ad. 802.3ab

10/100/1000Base-T (X), optional 100Base-FX, - LAN

1000Base-SX/LX/LHX/XD/ZX/EZX

• Transmission Distance Ethernet: Up to 100 m (4- wire Cat.5e, Cat.6 RJ45

cable suggested for Gigabit port) SFP: Up to 110 km (depends on SFP)

Gigabit Copper: 10/100/1000 Mbps, auto-negotiation Transmission Speed

Gigabit fiber: Up to 1000 Mbps

Interface

Connectors 24 x RJ45 (Ethernet)

> 4 x RJ45/SFP (mini-GBIC) combo ports 4-pin removable screw terminal (Power) 3-pin removable screw terminal (Relay)

 LED Indicators 10/100T (X): Link/Activity

Gigabit Copper: Link/Activity, Speed (1000 Mbps)

SFP: Link/Activity

Mechanism

Enclosure IP30, metal shell with solid mounting kits **Dimensions (W x H x D)** 438 x 43.6 x 259.20 mm (17.24" x 1.72" x 10.2")

Mounting 1U 19" rack mount

Power

Power Consumption 20W @ 24V Power Input 12-48V_{nc} Fault Output 2 relay outputs

Protection

 Power Reverse Present Overload Current Present

Environment

• Operating Temperature $-40 \sim 70 \,^{\circ}\text{C} \, (-40 \sim 158 \,^{\circ}\text{F})$ -40 ~ 85 °C (-40 ~ 185 °F) Storage Temperature Operating Humidity

10 ~ 95% (non-condensing) Storage Humidity 10 ~ 95% (non-condensing)

MTBF 787,940 hours

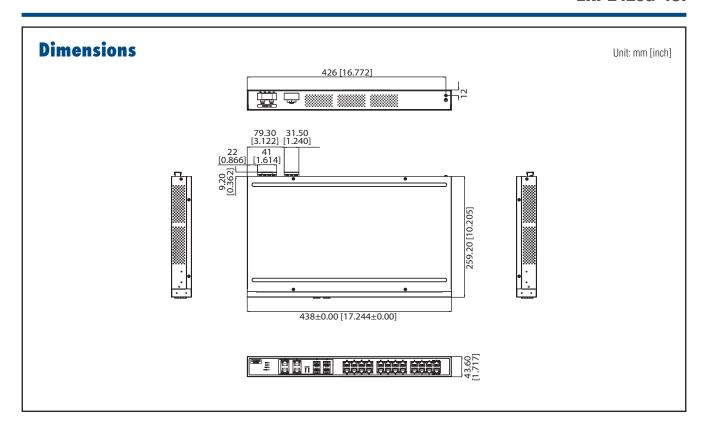
Certification

Safety UL 61010-2-201 = EMI CE FCC EN55022 Class A

EMS FN 61000-4-2

> EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8

Shock IEC 60068-2-27 Freefall IEC 60068-2-32 Vibration IEC 60068-2-6



Ordering Information

■ **EKI-2428G-4CI-AE** 24GE+4GE Combo port unmanaged industrial Ethernet switch