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
LAN	10/100/1000Base-T (X), optional 100Base-FX, 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)
Transmission Speed	Gigabit Copper: 10/100/1000 Mbps, auto-negotiation 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_{DC}
Fault Output	2 relay outputs

Protection

Power Reverse	Present
Overload Current	Present

Environment

Operating Temperature	-40 ~ 70 °C (-40 ~ 158 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
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	EN 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

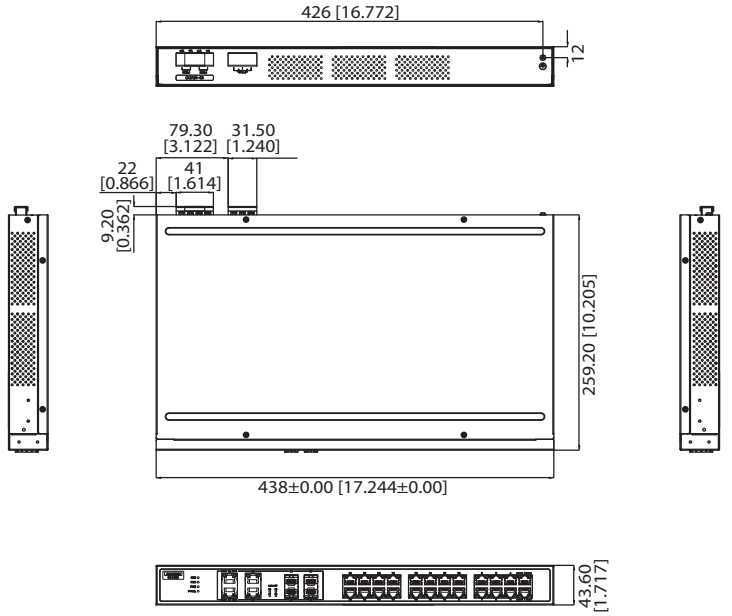
All product specifications are subject to change without notice

Last updated: 29-Nov-2017

PLUG-IN Electronic GmbH • Am Sonnenlicht 5 • 82239 Alling • Tel.: +49 (0) 8141 3697-0 • info@plug-in.de • www.plug-in.de

Dimensions

Unit: mm [inch]



Ordering Information

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