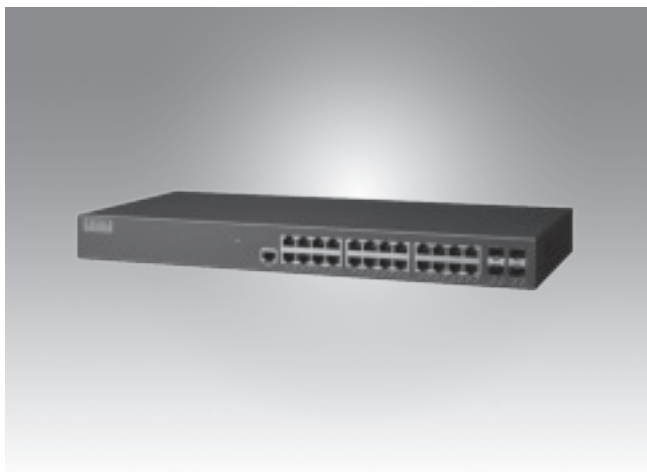# EKI-2428G-4FA

24GE+4G SFP Port L2 Unmanaged Switch with AC Input

Features

- 24 x Gigabit copper ports + 4 x Gigabit SFP ports
- SFP socket for easy and flexible fiber expansion
- Provides 8K MAC address
- 100~240 V_{AC} power input

RoHS COMPLIANT 2002/95/EC   CE   FCC

Introduction

The EKI-2428G is an unmanaged switch with 24 Gigabit ports and 4 Gigabit SFP ports. It is designed for rack-mount installation, and suitable for edge to core industrial networks. The wire speed across all ports up to 56 Gbps for L2 traffic forwarding.

Specifications

Communications

- **Standard** IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z
- **LAN** 10/100/1000BASE-TX, 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 SFP (mini-GBIC) ports
- **LED Indicators** 10/100T (X): Link/Activity, Duplex/Collision
  Gigabit Copper: Link/Activity, Speed (1000 Mbps)
  SFP: Link/Activity
- **Debug Port** RS-232 (RJ45)

Mechanism

- **Enclosure** Metal shell with solid mounting kits
- **Dimensions (W x H x D)** 442 x 44 x 211.1 mm (17.4" x 1.73" x 8.31")
- **Mounting** 1U 19" Rack mount

Power

- **Power Consumption** 18W
- **Power Input** 100~240V single AC power input

Protection

- **Power Reverse** Present
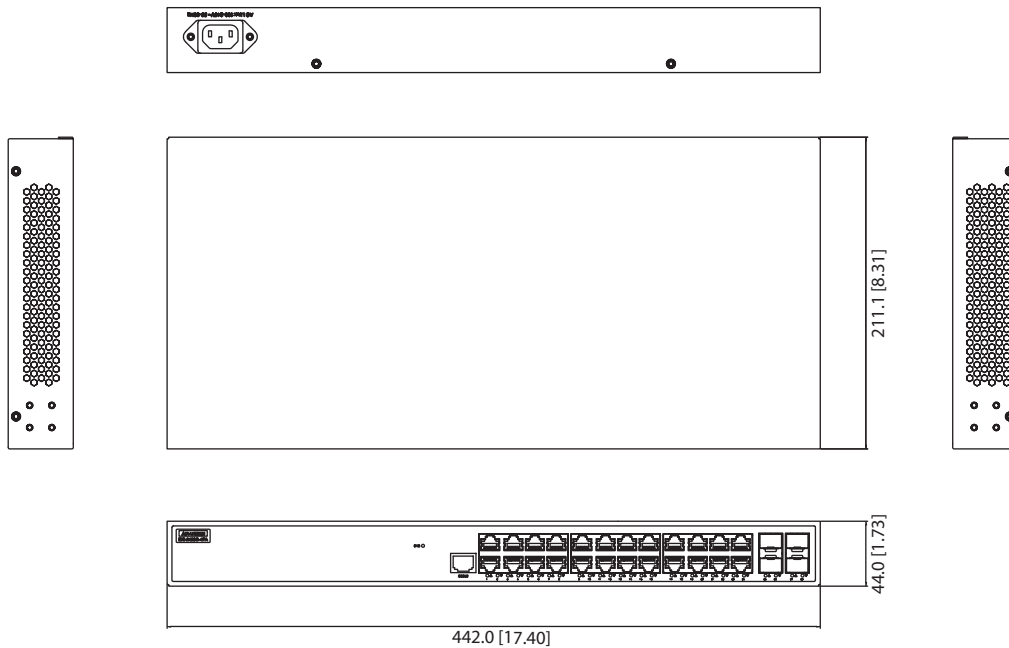- **Overload Current** Present

Environment

- **Operating Temperature** 0 ~ 55°C (32 ~ 131°F)
- **Storage Temperature** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 95% (non-condensing)
- **Storage Humidity** 10 ~ 95% (non-condensing)
- **MTBF** 620,427 hours

Certification

- **EMI** CE FCC 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

Dimensions

Unit: mm [inch]

211.1 [8.31]

44.0 [1.73]

442.0 [17.40]

Ordering Information

- **EKI-2428G-4FA-AE**   24GE+4G SFP Port Unmanaged Ethernet Switch