

EKI-2428G-4FA

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



Features

- ③ 24 x Gigabit copper ports + 4 x Gigabit SFP ports
- ③ SFP socket for easy and flexible fiber expansion
- ③ Provides 8K MAC address
- ③ 100~240 V_{AC} power input

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

- ③ **Standard** IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z
- ③ **LAN** 10/100/1000BASE-TX, optional 100BASE-FX, 1000BASE-SX/LX/LHX/XD/ZX/EZX
- ③ **Transmission Distance** Ethernet: Up to 100m (4-wire Cat.5e, Cat.6 RJ45)
cable suggested for Gigabit port
SFP: Up to 110 km (depends on SFP)
- ③ **Transmission Speed** Gigabit Copper: 10/100/1000 Mbps, Auto-Negotiation
Gigabit Fiber: Up to 1000 Mbps

Interface

- ③ **Connectors** 24 x RJ45 (Ethernet)
4 x SFP (mini-GBIC) ports
- ③ **LED Indicators** 10/100T (X): Link/Activity,
Gigabit Copper: Link/Activity, Speed (1000 Mbps)
SFP: Link/Activity
- ③ **Debug Port** RS-232 (RJ45)

Mechanism

- ③ **Enclosure** Metal shell with solid mounting kits
- ③ **Dimensions (W x H x D)** 442 x 44 x 211.1 mm (17.4" x 1.73" x 8.31")
- ③ **Mounting** 1U 19" Rack mount

Power

- ③ **Power Consumption** 18W
- ③ **Power Input** 100~240V single AC power input

Protection

- ③ **Power Reverse** Present
- ③ **Overload Current** Present

Environment

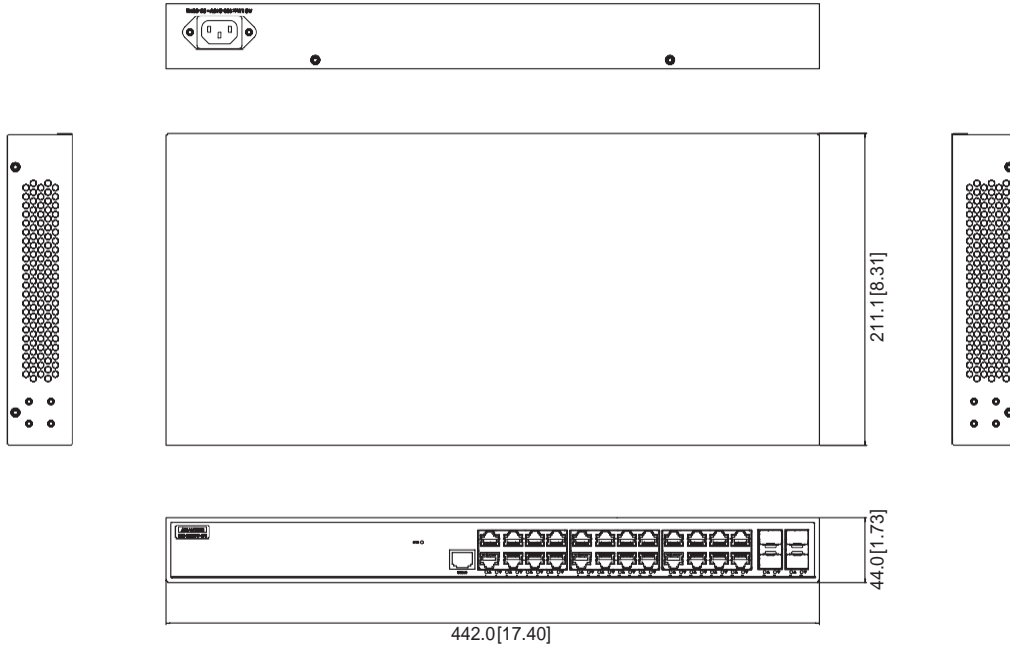
- ③ **Operating Temperature** 0 ~ 55°C (32 ~ 131°F)
- ③ **Storage Temperature** -20 ~ 70°C (-4 ~ 158°F)
- ③ **Operating Humidity** 10 ~ 95% (non-condensing)
- ③ **Storage Humidity** 10 ~ 95% (non-condensing)
- ③ **MTBF** 620,427 hours

Certification

- ③ **EMI CE FCC Class A**
- ③ **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
IEC 60068-2-27
- ③ **Shock**
- ③ **Freefall** IEC 60068-2-32
- ③ **Vibration** IEC 60068-2-6

Dimensions

Unit: mm[inch]



Ordering Information

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