

# 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<sub>AC</sub> 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

- **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

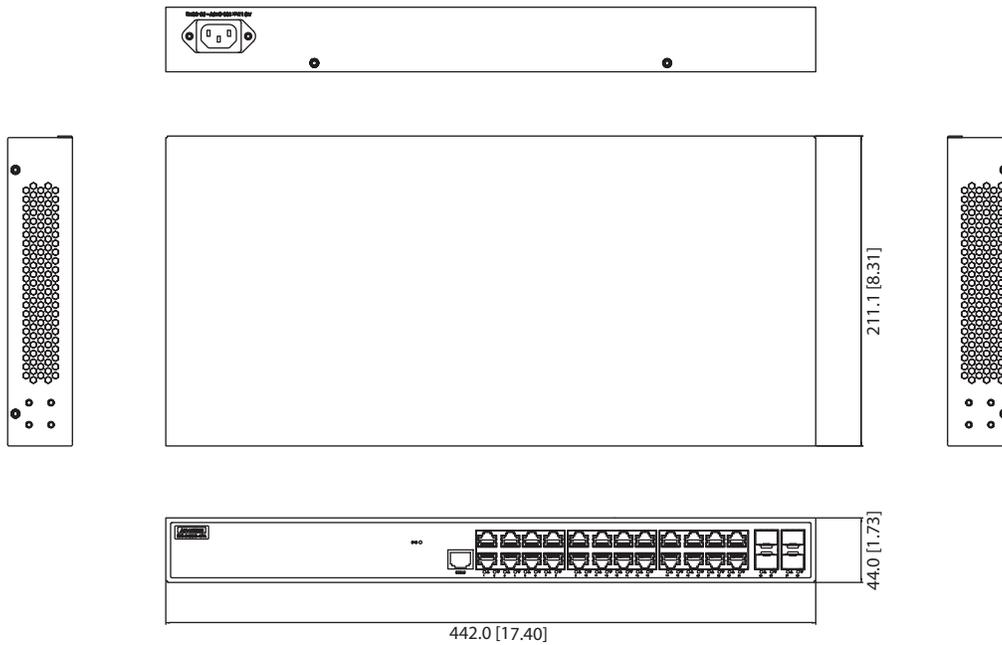
- **Operating Temperature** 0 ~ 55°C (32 ~ 131°F)
- **Storage Temperature** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 95% (non-condensing)
- **Storage Humidity** 10 ~ 95% (non-condensing)
- **MTBF** 620,427 hours

#### 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]



## Ordering Information

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