

# EKI-2428G-4CA

## 24G+4G Combo port Unmanaged Switch



### Features

- 24 x Gigabit ports + 4 x Gigabit Copper/SFP combo ports
- Support auto MDI/MDIX
- Wire-speed data transmission
- Easy to increase bandwidth of Gigabit Ethernet for network deployment
- SFP socket for Easy and Flexible Fiber Expansion
- 100-240V<sub>AC</sub> Power Input

### Introduction

The EKI-2428G-4CA is an unmanaged switch with 24 Gigabit ports and 4 Gigabit combo ports. It is designed for rack-mount installation, and suitable for edge to core networks.

### Specifications

#### Communications

- **Standard** IEEE 802.3, 802.3u, 802.3x, 802.3z
- **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
- **Switch Capacity** 56Gbps
- **Forwarding Rate** 41.7Mpps

#### Interface

- **Connectors** 24 x RJ45 (Ethernet)  
4 x RJ45/SFP (mini-GBIC) combo ports
- **LED Indicators** Powe/System  
1 ~ 24 RJ45 Ports: Link/Activity  
25 ~ 28 Combo Ports: Link/Activity

#### Mechanism

- **Enclosure** IP30, metal shell with solid mounting kits
- **Dimensions (W x H x D)** 441x 44 x 196 mm(17.36" x 1.73" x 7.72" inch.)
- **Mounting** 1U 19" Rack mount

#### Power

- **Power Input** 100 ~ 240V<sub>AC</sub>, 50/60Hz, 3A

#### Environment

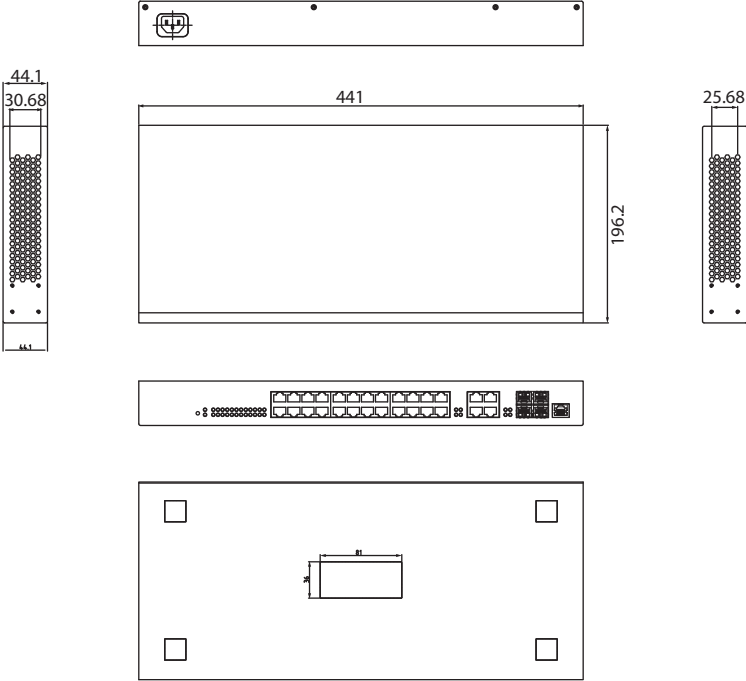
- **Operating Temperature** 0 ~ 60°C ( 32 ~ 140°F )
- **Storage Temperature** -40 ~ 70°C ( -40 ~ 158°F )
- **Operating Humidity** 10 ~ 90% (non-condensing)
- **Storage Humidity** 5 ~ 90% (non-condensing)

#### Certification

- **Safety** LVD EN 62368-1:2014 + A11:2017
- **EMI** CE FCC EN55032 Class A
- **EMS** EN 61000-3-2  
EN 61000-3-3  
EN 55024
- **Patent** <http://www.advantech.com/legal/patent>

### Dimensions

Unit: mm



### Ordering Information

- EKI-2428G-4CA-AE 24GE + 4G Combo Port Unmanaged Switch