

EKI-2428G-4CA/I

24GE+4GE Combo port Unmanaged Industrial Ethernet Switch



Features

- 24 x Gigabit ports + 4 x Gigabit Copper/SFP combo ports
- Support auto MDI/MDIX
- Wire-speed data transmission
- SFP socket for Easy and Flexible Fiber Expansion
- 100~240V_{AC} 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 easy to increase bandwidth of Gigabit Ethernet for network deployment for edge to core network.

Specifications

Communications

- **Standard** IEEE 802.3, 802.3ab, 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** Power/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_{AC}, 50/60Hz, 3A
- **Power Consumption** 19W

Environment

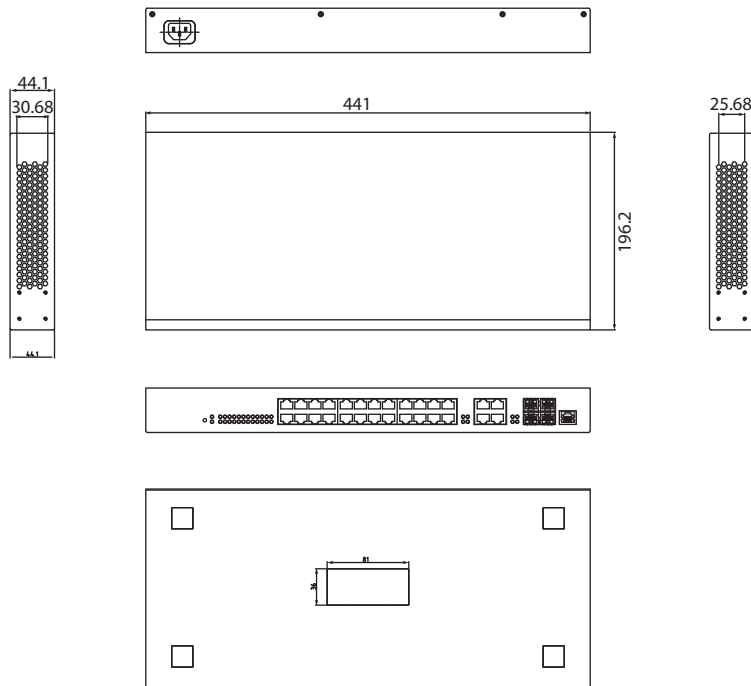
- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F) (EKI-2428G-4CA)
-20 ~ +75 °C (-13 to +167 °F) (EKI-2428G-4CAI)
- **Storage Temperature** -40 ~ 70°C (-40 ~ 158°F)
- **Operating Humidity** 10 ~ 90% (non-condensing)
- **Storage Humidity** 5 ~ 90% (non-condensing)

Certification

- **Safety** LVD EN IEC62368-1
- **EMI** CE FCC EN55032 Class A
- **EMS** EN 61000-3-2
EN 61000-3-3
EN 55035

Dimensions

Unit: mm



- Patent <http://www.advantech.com/legal/patent>

Ordering Information

- **EKI-2428G-4CA-AE** 24GE + 4G Combo Port Unmanaged Switch
- **EKI-2428G-4CAI-A** 24GE+4G Combo Port Unmanaged Switch with wide Temp.