# EKI-9628G-4CI

# 24G+4G Combo ports Industrial L3 Managed Switch



### **Features**

- Rackmount 24G+4G Combo port L3 Managed Switch
- L3 function :Static route , NAT
- SFP socket for easy and flexible fiber expansion
- Management: SNMP v1/v2c/v3, WEB, Telnet, Standard MIB
- Security:802.1x ,HTTPS,SSH and SNMPv3
- Redundancy: Gigabit X-Ring Pro (ultra high-speed recovery time < 20 ms), RSTP/STP (802.1w/1D),MSTP
- -40 ~ 70°C wide-range operating temperature

## Introduction

EKI-9628G is an industrial-class L3 managed switch that supports static route and NAT. Embedded with 24 Gigabit ports and 4 Gigabit combo ports, it is designed for rackmount installation, and can be deployed in demanding industrial environments. It is suitable for edge to core industrial networks and supports -40 ~ 70°C operating temperatures. It is also embedded with Advantech IXM, which benefits users with fast deployment that can dramatically save engineering time and cost.

## **Specifications**

#### **Communications**

• **Standard** IEEE 802.3, 802.3u, 802.3x, 802.3z, 802.1D, 802.1w,

802.1p, 802.1Q, 802.1X, 802.3ad, 802.3ab 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

#### Interface

- LAN

**Connectors** 24 x RJ45 (Ethernet)

4 x RJ45/SFP (mini-GBIC) combo ports 4-pin removable screw terminal (Power) 3-pin removable screw terminal (Relay) 10/100T (X): Link/Activity, Duplex/Collision

• **LED Indicators** 10/100T (X): Link/Activity, Duplex/Collision

Gigabit Copper: Link/Activity, Speed (1000 Mbps) SFP: Link/Activity

Console
 RS-232 (RJ45)

#### **Management**

Configuration
 Web browser, Telnet, Serial console, TFTP, SNMPv1/

v2c/v3, Port Speed/Duplex Configuration, IPv6

• VLAN IEEE 802.1Q, GVRP

Redundancy Advantech X-Ring, 802.1w/D RSTP/STP

Security IP Access security, port security, DHCP client, 802.1X

Port Access Control,

■ Traffic Control IGMP Snooping/Query for multicast group

management, Port Trunking, Static/802.3ad LACP, Rate limit and storm control, IEEE 802.1p QoS CoS/TOS/DSCP priority queuing, IEEE 802.3x flow control

Table, SNTP, Syslog, E-Mail Alert, SNMP Trap, RMON

NAT, Static routing

#### Mechanism

Mounting
 1U 19" Rack mount

#### **Power**

Power Consumption 20W @ 24V
 Power Budget 685W
 Power Input 12-48 V<sub>DC</sub>
 Fault Output 2 Relay Outputs

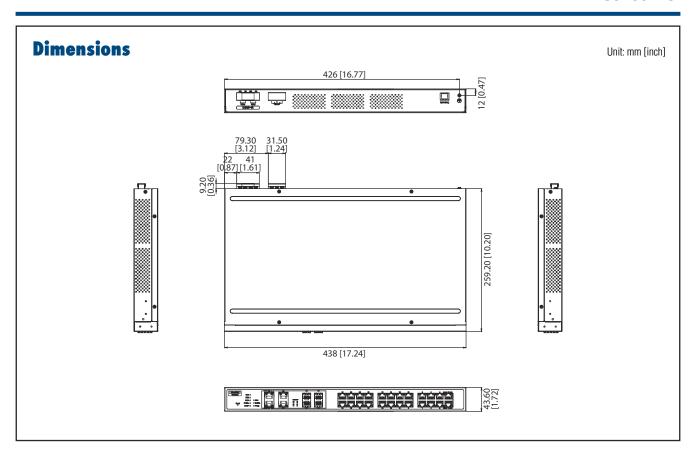
#### **Protection**

Power Reverse PresentOverload Current Present

Environment

Operating Temperature
 Storage Temperature
 Operating Humidity
 Storage Humidity
 Storage Humidity
 Operating Humidit

**MTBF** 787,940 hours



### Certification

■ Safety UL 61010-2-201
■ EMI CE FCC EN55022 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 IEC 60068-2-27

Shock IEC 60068-2-27
 Freefall IEC 60068-2-32
 Vibration IEC 60068-2-6
 Railway Track Side EN 50121-4

Patent http://www.advantech.com/legal/patent

## **Ordering Information**

■ EKI-9628G-4CI-AE

24GE +4G Combo Port L3 rackmount Managed Ethernet Switch w/ Wide Temp