EKI-9612G-4FI

8G+4G SFP Ports Industrial L3 Managed Switch



Features

- DIN-Rail L3 switch 8 Gigabit ports + 4 SFP ports
- L3 function :Static route . NAT
- · SFP socket for easy and flexible fiber expansion
- Redundancy: X-Ring Pro (ultra high-speed recovery time < 20 ms), RSTP/STP (802.1w/1D)
- Security: 802.1x
- Management: SNMP v1/v2c/v3, WEB, Telnet, Standard MIB, Private MIB
- -40 ~ 75°C wide-range operating temperature
- Dual 12~48 V_{DC} power input and 1 relay output

Introduction

EKI-9612G-4FI is a DIN-Rail L3 switch that supports static route and NAT. It comes with 8 Gigabit ports and 4 SFP (mini-GBIC) ports. It provides abundant ports to connect to many devices. The EKI-9612G series is equipped with X-Ring Pro for ultra high speed recovery time of less than 20 ms to ensure network stability. The switch also features wide -40° to 75°C operating temperature.

Specifications

Interface

•	I/O Port	

- Console port
- Power Connector

Physical

- Enclosure
- Protection Class
- Installation
- Dimensions (W x H x D)

LED Display

- System LED
- Port LED

Environment

- Operating Temperature
- Storage Temperature
- Ambient Relative Humidity
- Humidity

Power

- Power Consumption
- Power Input
- Fault Output

74 x 152 x 105 mm (2.91" x 5.98" x 4.13") PWR1, PWR2, SYS, Alarm and R.M.

8 x 10/100/1000Base-T/TX RJ-45

6-pin screw Terminal Block (including relay)

4 x SFP (mini-GBIC) port RS-232 (RJ45)

Metal Shell

IP 30

DIN-Rail

- Link / Speed / Activity
- -40~75°C (-40~167°F) -40 ~ 85°C 10 ~ 95% (non-condensing) 10 ~ 95% (non-condensing)

12.1W @ 48V_{DC} (System) $12 \sim 48 V_{\text{DC}}$, redundant dual power input 1 Relay Output

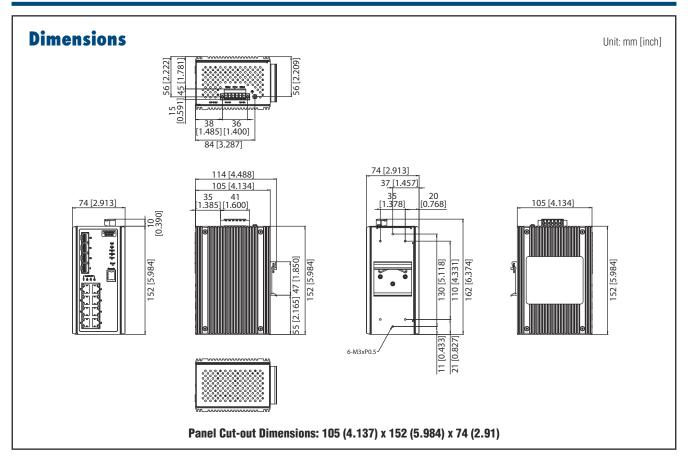
Certification

•	EMI Safety EMC	CE, FCC Class A UL61010-2-201 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6
		EN 61000-4-8 EN50121-4*
•	Shock	IEC 60068-2-27
•	Freefall	IEC 60068-2-32
•	Vibration	IEC 60068-2-6
•	Traffic control	NEMA TS2*
*=	Compliant	

L2 Features

L2 MAC Address	8K
 Jumbo Frame 	9216 Bytes
 VLAN Group 	256 (VLAN ID 1 ~ 4094)
 VLAN Arrange 	Q-in-Q (VLAN Stacking), GVRP
 Port Mirroring 	Per port, Multi-source port,
 IP Multicast 	IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate leave
 Storm Control 	Broadcast, Multicast, Unknown unicast
 Redundancy 	IEEE 802.1D-STP, IEEE 802.1s-MSTP, IEEE 802.1w-RSTP, X-Ring Pro, with ultra high-speed recovery time less than 20ms

EKI-9612G-4FI



QoS

 Priority Queue WRR (Weighted Round Robin), SP (Strict Scheduling Scheduling Priority) Hybrid Priority - Class of Service IEEE 802.1p Based CoS, IP TOS, DSCP based CoS

Trunking

Static, Dynamic

Private MIB

SSH2.0, SSL

IEEE 802.3ad Dynamic Port Trunking, Static Port

802.1x (Port-Based, MD5/PEAP Encryption)

SNMP v1/v2c/v3, WEB, Telnet, RMON, Standard MIB,

Client, Server, Option66/67/82

- Ingress Rate limit, Egress Rate limit
- Rate Limiting
- Link Aggregation

Security

- Port Security
- Authentication

Management

- DHCP
- Access
- Security access
- Software upgrade
- TFTP, HTTP, Dual Image Unicast Routing NAT, Static routing

Ordering Information

- EKI-9612G-4FI-AE
- L3 switch 8G + 4G SFP Port Managed Ethernet Switch w/Wide Temp