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
- Wide operating temperature range of -40 ~ 75°C
- Dual 12 ~ 48 V_{DC} power input and 1 x relay output

Introduction

The 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 an abundance of ports for connecting to a range of different devices. The EKI-9612G series is equipped with X-Ring Pro for ultra-high-speed recovery times of <20 ms, thus ensuring network stability. The switch also features a wide operating temperature range of -40 to 75°C.

Specifications

Interface

- **I/O Port** 8 x 10/100/1000BASE-T/TX RJ-45
  4 x SFP (mini-GBIC) port
- **Console port** RS-232 (RJ45)
- **Power Connector** 6-pin screw Terminal Block (including relay)

Physical

- **Enclosure** Metal Shell
- **Protection Class** IP 30
- **Installation** DIN-Rail
- **Dimensions (W x H x D)** 74 x 152 x 105 mm (2.91" x 5.98" x 4.13")

LED Display

- **System LED** PWR1, PWR2, SYS, Alarm and R.M.
- **Port LED** Link / Speed / Activity

Environment

- **Operating Temperature** -40 ~ 75°C (-40 ~ 167°F)
- **Storage Temperature** -40 ~ 85°C
- **Ambient Relative Humidity** 10 ~ 95% (non-condensing)
- **Humidity** 10 ~ 95% (non-condensing)

Power

- **Power Consumption** 12.1W @ 48V_{DC} (System)
- **Power Input** 12 ~ 48 V_{DC}, redundant dual power input
- **Fault Output** 1 Relay Output

Certification

- **EMI** CE, FCC Class A
- **Safety** UL61010-2-201
- **EMC** 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

Dimensions

Unit: mm [inch]
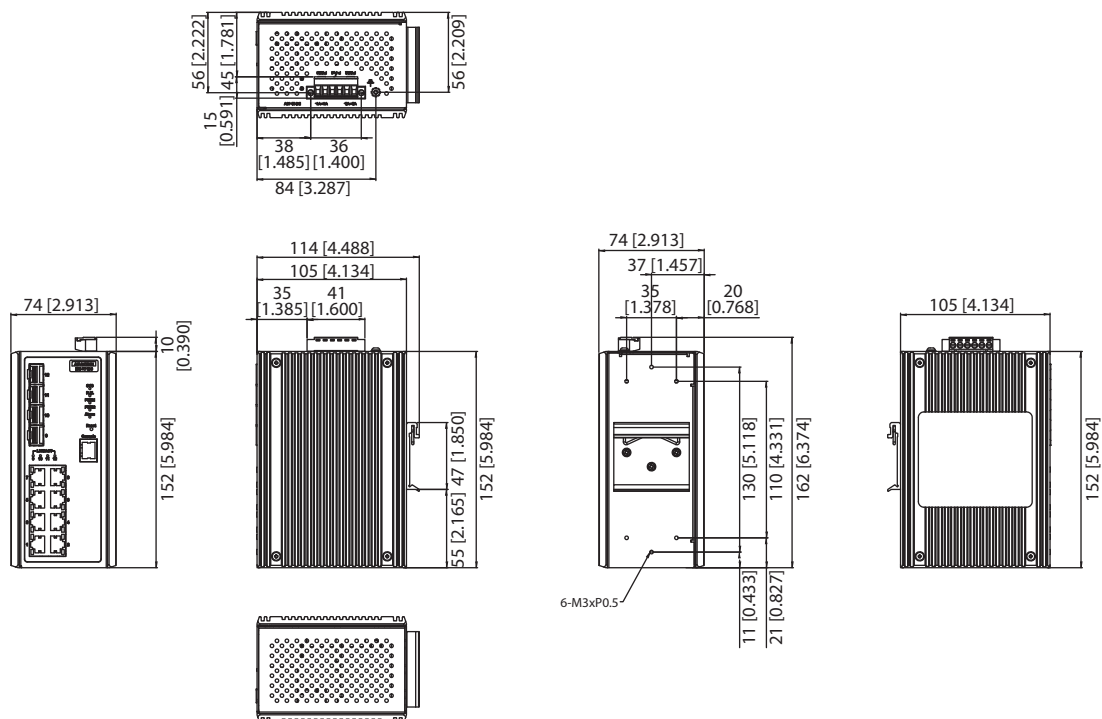
Panel Cut-out Dimensions: 105 (4.137) x 152 (5.984) x 74 (2.91)

QoS

- **Priority Queue Scheduling**   WRR (Weighted Round Robin), SP (Strict Scheduling Priority) Hybrid Priority
- **Class of Service**   IEEE 802.1p Based CoS, IP TOS, DSCP based CoS
- **Rate Limiting**   Ingress Rate limit, Egress Rate limit
- **Link Aggregation**   IEEE 802.3ad Dynamic Port Trunking, Static Port Trunking

Security

- **Port Security**   Static, Dynamic
- **Authentication**   802.1x (Port-Based, MD5/PEAP Encryption)

Management

- **DHCP**   Client, Server, Option66/67/82
- **Access**   SNMP v1/v2c/v3, WEB, Telnet, RMON, Standard MIB, Private MIB
- **Security access**   SSH2.0, SSL
- **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

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl