# 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
- Wide operating temperature range of -40 ~ 70°C



The 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 operating temperatures of -40 ~ 70°C. It is also embedded with Advantech IXM, which benefits users with fast deployment, which can dramatically save on 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
•	LAN	10/100/1000BASE-TX, 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
Ir	iterface	Pro
	Connectors	24 x RJ45 (Ethernet)    4      4 x RJ45/SFP (mini-GBIC) combo ports    4      4-pin removable screw terminal (Power)    1      3-pin removable screw terminal (Relay)    1
	LED Indicators Console	10/100T (X): Link/Activity, Duplex/Collision Gigabit Copper: Link/Activity, Speed (1000 Mbps) SFP: Link/Activity RS-232 (RJ45)
N	lanagement	•   Ce
•	Configuration	Web browser, TeInet, Serial console, TFTP, SNMPv1/ v2c/v3, Port Speed/Duplex Configuration, IPv6
	VLAN	IEEE 802.1Q, GVRP
•	occurry	Advantech X-Ring, 802.1w/D RSTP/STP 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 Det Microsiae, Deal time toffic attrictic MAC Addeese
	Diagnostics Unicast Routing	Port Mirroring, Real-time traffic statistic, MAC Address Table, SNTP, Syslog, E-Mail Alert, SNMP Trap, RMON NAT.Static routing

#### Mechanism

- Enclosure IP30, metal shell with solid mounting kits
- Dimensions (W x H x D) 438 x 43.6 x 259.20 mm (17.24" x 1.72" x 10.2")
- Mounting 1U 19" Rack mount

#### Power

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

#### Protection

Power Reverse	Present
<b>Overload Current</b>	Present
Environment	

- **Operating Temperature**  $-40 \sim 70^{\circ}C (-40 \sim 158^{\circ}F)$
- Storage Temperature -40 ~ 85°C (-40 ~ 185°F)
- Operating Humidity 10 ~ 95% (non-condensing)
  - Storage Humidity 10 ~ 95% (non-condensing)
- **MTBF** 787,940 hours

#### Certification

## EKI-9628G-4CI



- Shock
- Freefall
- Vibration
- Railway Track Side

EN 61000-4-8 IEC 60068-2-27

IEC 60068-2-32

IEC 60068-2-6

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