EKI-5626C/CI-MB EKI-5629C/CI-MB

16 + 2G Combo ports Entry-Level **Managed Switch Supporting Modbus/TCP** 8 + 2G Combo ports Entry-Level **Managed Switch Supporting Modbus/TCP**



Features

- 16 Fast Ethernet ports + 2 Gigabit Copper/SFP combo ports (EKI-5626C/CI-MB) & 8 Fast Ethernet ports + 2 Gigabit Copper/SFP combo ports (EKI-5629C/CI-MB)
- Entry-Level Managed Switch
- IXM function enables fast deployment
- Management: SNMP v1/v2c/v3, WEB, Standard MIB, Private MIB

Introduction

The EKI-5626C/CI-MB and EKI-5629C/CI-MB are a new generation of entry-level managed switch products. They support basic Layer 2 managed function such as Ring, SNMP, IGMP etc. Besides, they support Modbus/TCP and can easily integrate with SCADA. The devices come with a compact metal housing that is IP30 rated to protect against dusty industrial environments. The wide power input power (8.4 to 52.8 VDC) is dedicated to operating in areas of unstable power and rugged environments.

Specifications

Communications

Standard

LAN

Transmission Distance

Transmission Speed Ethernet

Interface

I/O 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

MTRF

IEEE 802.3, 802.3u, 802.3x, 802.1D. 802.1w,802.1p, 802.1Q, 802.1X, 802.3AD,802.3az

10/100Base-T (X), Ethernet: UP to 100m (4-wire Cat.5e, Cat.6 RJ-45 cable suggested for Gigabit port) SFP: UP to 110km (depends on SFP) Ethernet: 10/100Mbps Auto-Negotiation Gigabit Copper: 10/100/1000Mbps,

Auto-Negotiation

Gigabit Fiber: UP to 1000Mbps

EKI-5626C/CI-MB: 16 x RJ-45 + 2 x RJ-45/SFP combo ports

EKI-5629C/CI-MB: 8 x RJ-45 + 2 x RJ-45/SFP 6-pin screw Terminal Block (including relay)

Metal Shell IP 30 DIN-Rail 74 x 120 x 84 mm

PWR1, PWR2, P-Fail, Loop detection Link / Speed / Activity

EKI-5626CI-MB & EKI-5629CI-MB: -40 ~ 75°C (-40 ~ 167°F)

EKI-5626C-MB & EKI-5629C-MB: -10 ~ 60°C (14 ~ 140°F) -40 ~ 85°C

10 ~ 95% (non-condensing) 10 ~ 95% (non-condensing) EKI-5626C/CI-MB: 2,825,281 hours

EKI-5629C/CI-MB: 3,183,604 hours

Power

Power Consumption EKI-5626C/CI-MB: Max 8.2W EKI-5629C/CI-MB: Max 5.8W

12 ~ 48 V_{DC} (8.4~52.8 V_{DC}), redundant dual power input **Power Input** Fault Output

Certification

FMI

CE, FCC Class A UL508, Class 1 Division 2, ATEX Safety EN 61000-4-2; EN 61000-4-3; EN 61000-4-4; EMC

EN 61000-4-5; EN 61000-4-6; EN 61000-4-8 Shock IEC 60068-2-27

Freefall IEC 60068-2-32 Vibration IEC 60068-2-6

L2 Features

L2 MAC Address Jumbo Frame 9216 Bytes VLAN Group

256 (VLAN ID 1~4094) **VLAN Arrange** Port based VLAN, GVRP Per port, Multi-source port, Port Mirroring IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate leave Broadcast, Multicast, Unknown unicast **IP Multicast** Storm Control

IEEE 802.1D-STP, IEEE 802.1s-MSTP, IEEE 802.1w-RSTP, Redundancy X-Ring, with ultra high-speed recovery time less than

QoS

Priority Queue WRR (Weighted Round Robin), SP (Strict Scheduling Scheduling

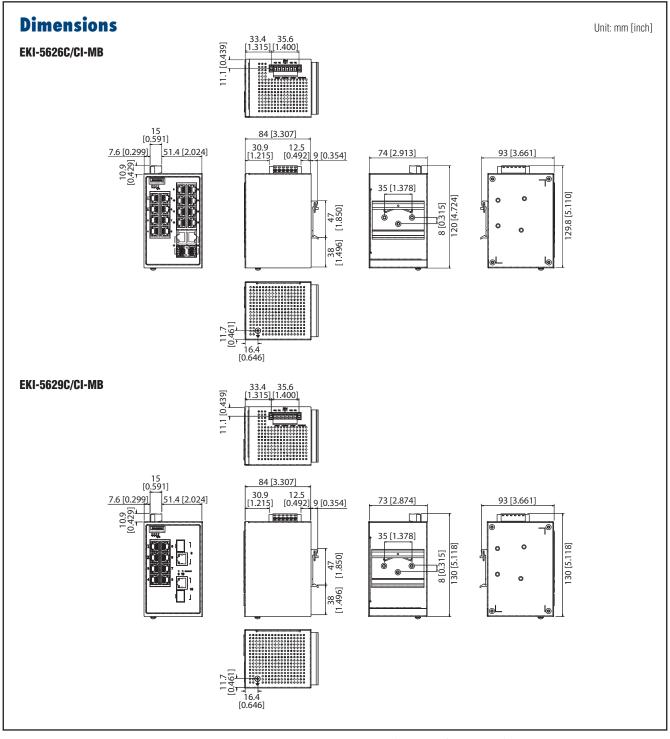
Priority) Hybrid Priority
IEEE 802.1p Based CoS, IP TOS, DSCP based CoS Class of Service **Rate Limiting** Ingress Rate limit, Egress Rate limit

IEEE 802.3ad Dynamic Port Trunking, Static Port Trunking **Link Aggregation**

Security

Port Security Static, Dynamic, MAC address filtering

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



Management

DHCP

Access

Software upgrade

NTP

Data

Protocols

Client, Option 82

SNMP v1/v2c/v3, WEB, Standard MIB, Private MIB

TFTP, HTTP, Dual Image

SNTP client

Syslog

IPV6, LLDP, Modbus/TCP

Ordering Information

EKI-5626C-MB-AE

■ EKI-5626CI-MB-AE

■ EKI-5629C-MB-AE

■ EKI-5629CI-MB-AE

16 + 2G Combo ports entry-level managed switch Support Modbus/TCP
16 + 2G Combo ports entry-level managed switch support Modbus/TCP w/wide temp.
8 + 2G Combo ports entry-level managed switch support Modbus/TCP w/wide temp.

Modbus/TCP

8 + 2G Combo ports entry-level managed switch support Modbus/TCP w/wide temp.