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

•	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 combo ports 6-pin screw Terminal Block (including relay)

Metal Shell IP 30 DIN-Bail 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**
- **Power Input**

Fault Output

Certification

- FMI Safety EMC
- Shock
- Freefall Vibration

- VLAN Group

QoS

- **Priority Queue** Scheduling
- **Class of Service**
- **Rate Limiting** Link Aggregation

Security

- Port Security
- Authentication

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 1 Relay Output

CE, FCC Class A UL508, Class 1 Division 2, ATEX 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 IEC 60068-2-32 IEC 60068-2-6

8K 9216 Bytes 256 (VLAN ID 1~4094) Port based VLAN, GVRP Per port, Multi-source port, IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate leave Broadcast, Multicast, Unknown unicast IEEE 802.1D-STP, IEEE 802.1s-MSTP, IEEE 802.1w-RSTP, X-Ring, with ultra high-speed recovery time less than 20ms

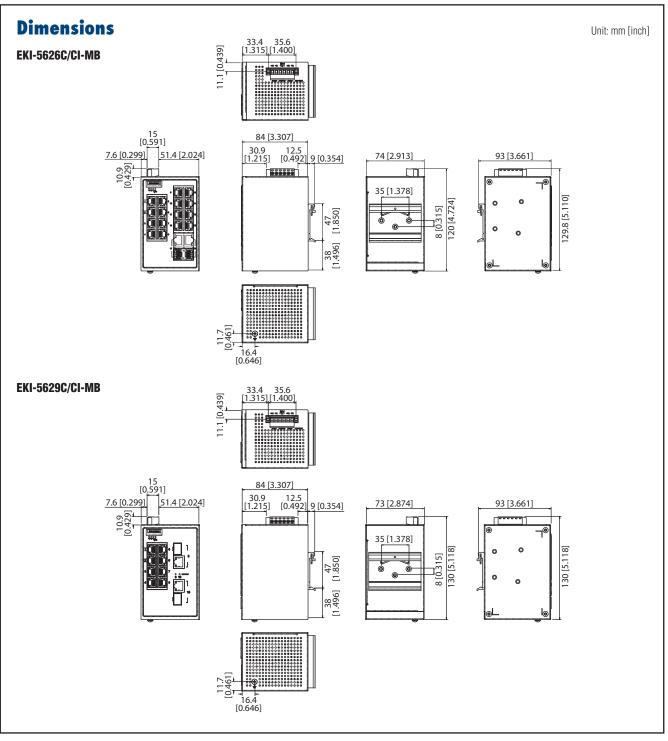
WRR (Weighted Round Robin), SP (Strict Scheduling Priority) Hybrid Priority IEEE 802.1p Based CoS, IP TOS, DSCP based CoS Ingress Rate limit, Egress Rate limit IEEE 802.3ad Dynamic Port Trunking, Static Port Trunking

Static, Dynamic, MAC address filtering 802.1x (Port-Based, MD5/TLS/TTLS/PEAP Encryption)

AD\ANTECH Industrial Ethernet Soultions L2 Features L2 MAC Address Jumbo Frame **VLAN** Arrange Port Mirroring

- **IP Multicast**
- Storm Control
- Redundancv

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



Management

- DHCP
- . Access
- Software upgrade
- NTP
- Data
- Protocols
- TFTP, HTTP, Dual Image SNTP client Syslog IPV6, LLDP, Modbus/TCP

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

Client, Option 82

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