

# EKI-9510E-2GPH

# EKI-9510E-2GPL

## EN 50155 10-port Unmanaged PoE M12 Ethernet Switch 72/96/110 V<sub>DC</sub>

## EN 50155 10-port Unmanaged PoE M12 Ethernet Switch 24/48 V<sub>DC</sub>



CE FCC

### Features

- Complies with EN50155
- 8 x M12 D-Coded 10/100Mbps PoE ports + 2 x M12 X-Coded 10/100/1000Mbps ports with Bypass function
- Power Input  
EKI-9510E-2GPH: 72/96/110 V<sub>DC</sub>  
EKI-9510E-2GPL: 24/48 V<sub>DC</sub>
- Operating Voltage  
EKI-9510E-2GPH: 50.4~137.5 V<sub>DC</sub>  
EKI-9510E-2GPL: 16.8~60 V<sub>DC</sub>
- 8-port PoE support IEEE802.3 at/af
- M12 connector with IP40 protection

### Introduction

EKI-9500 series switch is designed for railway application, with rugged and high EMC performance. EKI-9500 series is the suitable networking solution for rolling stock and wayside applications. EKI-9500 series provide M12 connectors for Ethernet/ console/ relay/ power-input connections to ensure tight & robust connectivity, to guarantee reliable operation against environmental disturbances, such as vibration and shock on train. EKI-9510E-2GPH & EKI-9510E-2GPL is a PoE Ethernet switch, it provides 8 x Fast Ethernet M12 D-code interface with IEEE802.3at/af PoE(Power Over Ethernet) function. PoE ports can total provide up to 100Watts power budget for P.D. devices (such as camera, IP-phone and wireless access point). It also provides 2 x Gigabit Ethernet M12 X-code interface with Bypass function, to increase the reliability of the network. EKI-9510E-2GPH/PL features a "flat" design, can be easy deployed with its slender size and let network deployment more simple in crowded carriage/ cabinet.

### Specifications

#### Interface

- I/O Port** 8 x M12 D-Coded 10/100Mbps PoE ports + 2 x M12 X-Coded 10/100/1000Mbps ports with Bypass function
- Power Connector** M12 A-Coded

#### Physical

- Enclosure** Aluminum Shell
- Protection Class** IP 40
- Installation** Wall Mount
- Dimensions (W x D x H)** 216 x 132 x 59.3 mm
- Weight** 1.5kg

#### LED Display

- System LEDs** PWR1, PWR2, SYS, Alarm
- Port LED** Data, PoE

#### Environment

- Operating Temperature** -40 ~ 70°C (-40 ~ 158°F)
- Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- Ambient Relative Humidity** 10~ 95% (non-condensing)

#### Power

- Power Consumption** 10 Watts
- PoE Power Budget** EKI-9510E-2GPH: 120 Watts  
EKI-9510E-2GPL: 60 Watts
- Power Input** EKI-9510E-2GPH: 72/96/110 V<sub>DC</sub>  
EKI-9510E-2GPL: 24/48 V<sub>DC</sub>
- Operating Voltage** EKI-9510E-2GPH: 50.4~137.5 V<sub>DC</sub>  
EKI-9510E-2GPL: 16.8~60 V<sub>DC</sub>  
Dual inputs Supports Overload Current Protection  
Supports Reverse Polarity Protection

#### Certification

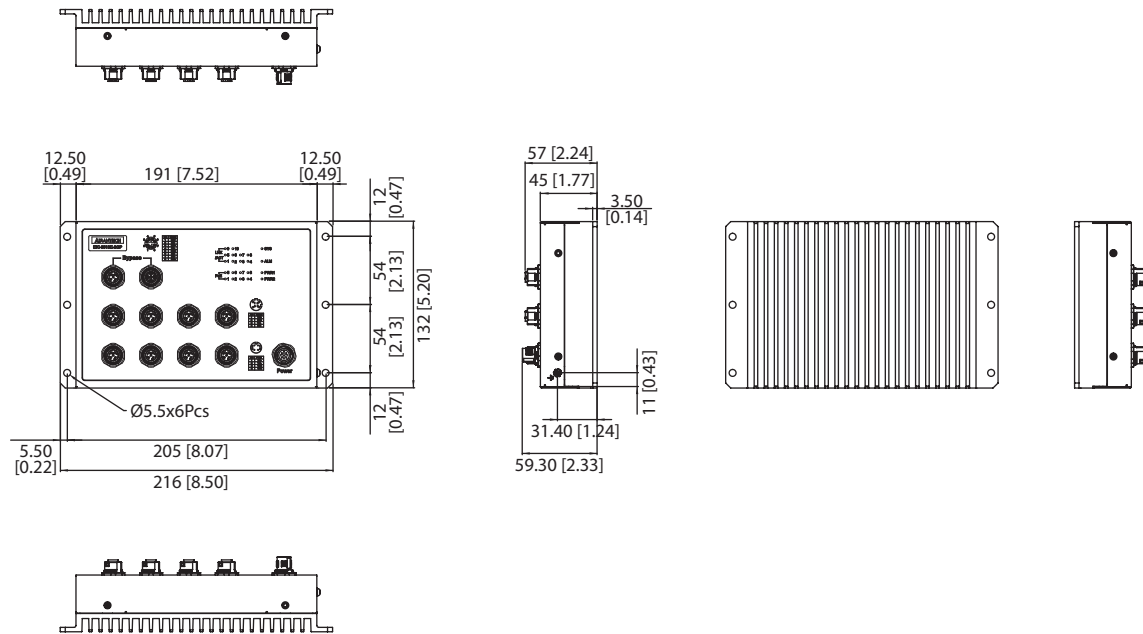
- EMI** FCC Part 15 Subpart B Class A  
CE EN55032 (CISPR)  
EN55024 Class A
- EMS** EN61000-4-2 (ESD); EN61000-4-3 (RS);  
EN61000-4-4 (EFT); EN61000-4-5 (Surge);  
EN61000-4-6 (CS)
- Shock** IEC 61373
- Freefall** IEC 60068-2-32
- Vibration** IEC 61373
- Certificate** EN 50155; EN50121-3-2

#### L2 Features

- L2 MAC Address** 8K
- Jumbo Frame** 9KB

## Dimensions

Unit: mm [inch]



## Ordering Information

- **EKI-9510E-2GPH-AE** 8 x M12 D-Coded PoE + 2 x M12 X-Coded Unmanaged Ethernet Switch, 72/96/110V<sub>DC</sub> duall power input
- **EKI-9510E-2GPL-AE** 8 x M12 D-Coded PoE + 2 x M12 X-Coded Unmanaged Ethernet Switch, 24/48V<sub>DC</sub> duall power input

## Accessories

| PN                 |  | Description  |
|--------------------|--|--|
| OPT1-M12-CRP-4MD   |  | Phoenix Contact M12 D-code 4 pin Male crimp type connector   |
| OPT1-M12-CRP-8MX   |  | Phoenix Contact M12 X-code 8 pin Male crimp type connector   |
| OPT1-M12-CRP-4FA   |  | Phoenix Contact M12 A-code 4 pin Female crimp type connector |
| OPT1-M12C-4MD-150R |  | M12 D-code 4 pin Male to RJ45, cable length:1.5m             |
| OPT1-M12C-8MX-150R |  | M12 X-code 8 pin Male to RJ45, cable length:1.5m             |
| OPT1-M12C-4FA-100  |  | M12 A-code 4 pin Female to 1m cable                          |
| 1990023703S000     |  | M12 waterproof CAP (1pc.)                                    |

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.