

EKI-3725P

Industrial Unmanaged Gigabit Ethernet PoE Switch

Overview

The EKI-3725P is a new generation product with green Ethernet design and supports 4 ports IEEE802.3af.(15.4Watts per port.) It features green solutions that automatically adjust power consumption by detecting the link status and cable length. Designed with “VIP” port to get optimal bandwidth for media traffics through VIP port users can experience better performance of multimedia streaming preferred through prioritized bandwidth setting. The device comes with compact metal housing that is IP40 rated to protect against dusty industrial environments.

The wide power input power (21.6 to 52.8 VDC) is dedicated to operate in areas of unstable power and rugged environments. It also provides an event alarm and in the event of a power failure and connection loop, the integrated LED will activate the alarm to notify administrators.

Packing List

Before installation, please make sure that you have received the following:

- 1 x EKI-3725P Industrial Unmanaged Fast Ethernet PoE Switch
- 1 x Wall Mounting Bracket
- 1 x DIN-rail Mounting Bracket and Screws
- 1 x EKI-3725P Startup Manual

If anything is missing or damaged, contact your distributor or sales representative immediately.

User Manual

For more detailed information, please refer to the full manual which can be found on the Advantech's website.

Notes

For more information on this and other Advantech products, please visit our websites at:

<http://www.advantech.com/eAutomation>

For technical support and service:

<http://www.advantech.com/support/>

This startup manual is for EKI-3725P

Part No. EKI-3725P-AE

1st Edition

June 2014

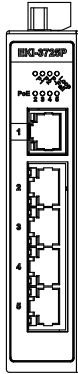
Specifications

General

- Compatibility: IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af
- LAN: 10/100/1000 Base-TX
- Ethernet RJ-45: Up to 100 m
- Connectors:
 - EKI-3725P: 5 x 10/100/1000 Base-TX RJ-45 ports with 4 PoE ports
 - 6-pin removable screw terminal (Power & Relay)
- Switch Architecture: Store and Forward
- Power Requirement: 24~48Vdc, Redundant Power Input with reverse polarity protection.
- Power consumption:
 - System: 4.51 Watts
 - PoE budget: 61.6Watts (15.4Watts per port)
- Dimensions(WxHxD): 25.6x120x83mm
- Enclosure: IP40
- Operating Temperature: -10 ~ 60°C (14°F~140°F)
- Storage Temperature: -40 ~ 85°C (-40°F~185°F)
- Operating/Storage Humidity: 5%~95% (noncondensing)
- Safety: UL60950
- EMC: FCC Class A, CE
- Warranty: 5 years

Overview

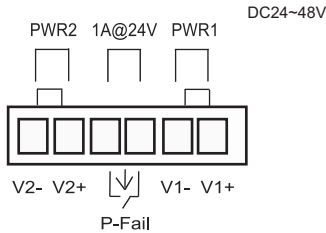
EKI-3725P



Power Connection

The EKI-3725P series switch supports dual +24~48V_{DC} power inputs

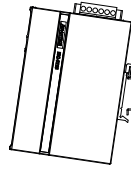
1. Insert the positive and negative wires into the V+ and V- contacts on the terminal block.
2. Tighten wire-clamps to prevent the DC wires from loosening.



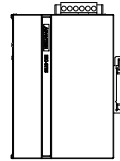
Warning: This is a Class A product. In domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Mounting

DIN-rail Mounting

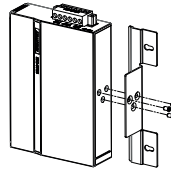


1. Hang the device to the DIN-rail.

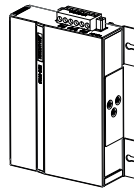


2. Hook the device over the DIN rail and let it drop down straight to slide over the rail smoothly.

Wall Mounting



1. Attach the brackets included to the switch with screws.



2. With the brackets attached, hang the switch to nails on the wall.