EKI-3525/3528

Industrial Unmanaged Fast Ethernet Switch

Overview

The EKI-3525/3528 are a new generation products with green Ethernet design. They feature green solutions that automatically adjust power consumption by detecting the link status and cable length. Designed with 1/2 "VIP" ports to get optimal bandwidth for media traffics through VIP ports users can experience better performance of multimedia streaming preferred through prioritized bandwidth setting. The devices come with compact metal and plastic housing that is IP40 rated to protect against dusty industrial environments. The wide power input power (8.4 to 52.4 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-3525 or EKI-3528 Industrial Unmanaged Fast Ethernet Switch
- 1 x Wall Mounting Bracket
- 1 x DIN-rail Mounting Bracket and Screws
- 1 x EKI-3525/3528 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.
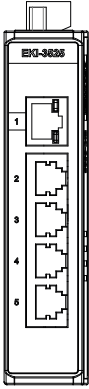
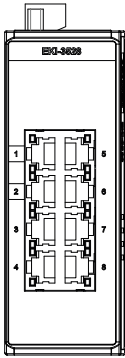### Specifications

General

- Compatibility**:** IEEE 802.3, 802.3u, 802.3x, 802.3az
- LAN: 10/100Base-TX
- Ethernet RJ-45: Up to 100 m
- Connectors:
  EKI-3525: 5 x 10/100Base-TX RJ-45 ports
  EKI-3528: 8 x 10/100Base-TX RJ-45 ports
  6-pin removable screw terminal (Power & Relay)
- Switch Architecture**:** Store and Forward
- Power Requirement: 12~48V_{DC}, Redundant Power Input with reverse polarity protection.
- Power Consumption**:**
  EKI-3525: 1.5 Watts
  EKI-3528: 3 Watts
- Dimensions (W x H x D)**:** 27x120x85 mm
- 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

Notes

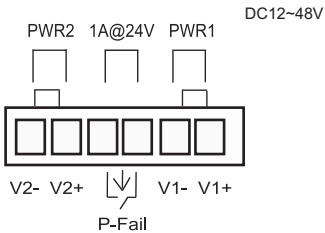ADVANTECH

Overview

EKI-3525

EKI-3528

Power Connection

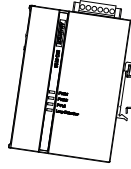The EKI-3525/3528 series switch supports dual +12~48V$_{DC}$ power inputs

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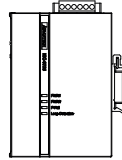2. Tighten wire-clamps to prevent the DC wires from loosing.

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

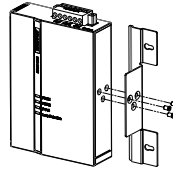## Mounting

DIN-rail Mounting
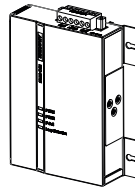

1. Hang the device to the DIN-rail.

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.