

# EKI-2701HP-AC

## IEEE 802.3at Gigabit PoE+ Injector

NEW



### Features

- Supports 10/100/1000Base-T (X)
- IEEE 802.3at Power over Ethernet Plus compliant
- PoE Power output up to 30 watts
- Backward compatible with IEEE 802.3af
- Remote power feeding up to 100 meters
- Overload and Short circuit protection

### Introduction

The EKI-2701HP-XX-A is a single port IEEE 802.3at/af PoE injector with internal power supply, able to transfer Ethernet data and deliver up to 30 watts electrical power to remote PoE compliant powered devices (PDs) through the Cat.5e Ethernet cable. It is designed especially for higher power required network equipment that offers a simple, economical, safe and reliable power solution to make more flexible in the places difficult to connect to power supply

### Specifications

#### Interface

- **I/O Port**
  - 1 x 10/100/1000 BASE-T/TX RJ-45 Data input
  - 1 x 10/100/1000 BASE-T/TX RJ-45 PoE output
- **Ethernet Transmission Distance** Up to 100 m (mid-span)
- **Power Connector** 3-Pin AC Inlet, IEC320.C14

#### Physical

- **Enclosure** Plastic Shell
- **Installation** Desktop
- **Dimensions(W x H x D)** 65 x 36 x 140 mm (2.56" x 1.42" x 5.51")

#### LED Display

- **System LED** AC Power
- **Port LED** POE Power

#### Environment

- **Operating Temperature** 0 ~ 40°C (32 ~ 104°F)
- **Storage Temperature** -20 ~ 70°C (-4 ~ 158°F)
- **Ambient Relative Humidity** 10 ~ 90% (non-condensing)
- **Humidity** 10 ~ 90% (non-condensing)

#### Power

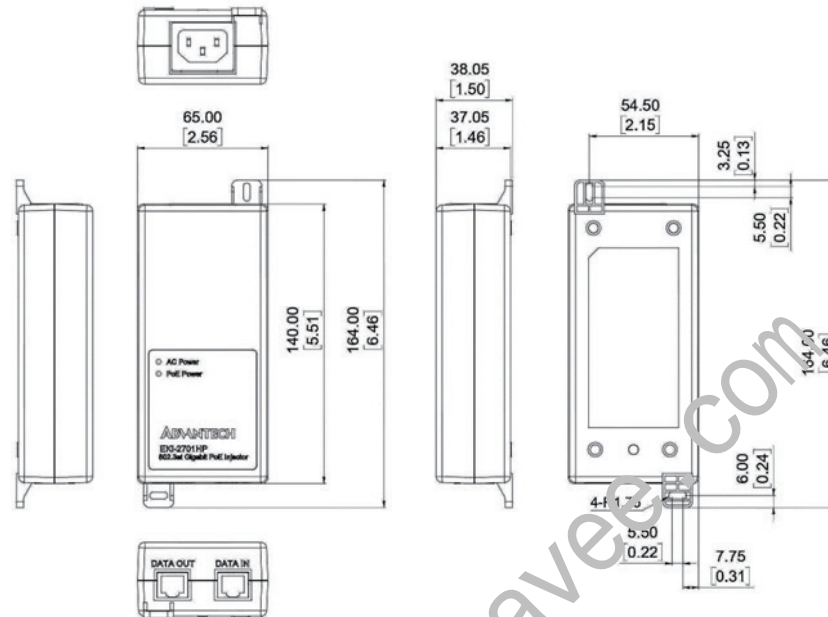
- **Power Consumption** Max. 36 Watts
- **Power Input** 100~240V<sub>AC</sub> 50~60Hz, 0.72A
- **Power Output** 55 V<sub>DC</sub>, 0.6 A

#### Certification

- **Safety** IEC/EN/UL 62368-1
- **EMI** CE EN 55032 (CISPR 32), Class B  
FCC Part 15B ICES-003, Class B  
EN 61000-4-3  
EN 61000-4-4  
EN 61000-4-5  
EN 61000-4-6  
EN 61000-4-8  
EN 61000-4-11
- **EMS** EN 61000-4-2  
EN 61000-4-3  
EN 61000-4-4  
EN 61000-4-5  
EN 61000-4-6  
EN 61000-4-8  
EN 61000-4-11
- **Shock** IEC 60068-2-27
- **Freefall** IEC 60068-2-32
- **Vibration** IEC 60068-2-6
- **Patent** <http://www.advantech.com/legal/patent>

## Dimensions

Unit: [mm]



Dimensions (W x H x D): 65 x 38 x 140 mm (2.56" x 1.42" x 5.51")

## Ordering Information

- **EKI-2701HP-AC-A** Gigabit IEEE 802.3at PoE+ Injector (without power cord)
- **EKI-2701HP-US-A** Gigabit IEEE 802.3at PoE+ Injector with US power cord
- **EKI-2701HP-EU-A** Gigabit IEEE 802.3at PoE+ Injector with EU power cord
- **EKI-2701HP-JP-A** Gigabit IEEE 802.3at PoE+ Injector with JP power cord