EKI-2701HP-AC

IEEE 802.3at Gigabit PoE+ Injector



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

1 x 10/100/1000 BASE-T/TX RJ-45 Data input 1 x 10/100/1000 BASE-T/TX RJ-45 POE output
Up to 100 m (mid-span) 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 PowerPort 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_{AC} 50~60Hz, 0.72A

■ **Power Output** 55 V_{DC}, 0.6 A

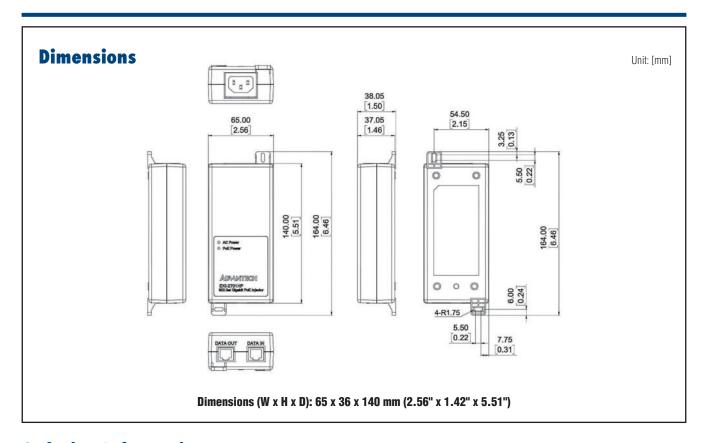
Certification

Vibration

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 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 IEC 60068-2-27 Shock Freefall IEC 60068-2-32

Patent http://www.advantech.com/legal/patent

IEC 60068-2-6



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