

A-EE-LR1002

EoC Converter for EPOE cameras



- Supports IEEE802.3, IEEE802.3u standards
- Port: 1*RJ45 10/100Mbps, 1*BNC
- Supports RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps
- Supports MDI/MDIX self-adaption
- Supports long range power supply transmission via coaxial cable

Product Overview

The A-EE-LR1002 is designed to work as a type of converter from RJ45 to BNC port, which supports long range power supply transmission via coaxial cable. It provides one BNC coaxial port and one RJ45 port. Its equipped with two transmission modes which are 100Mbps and 10Mbps.

Diagram



Technical Specification

| | |
|------------------------|--|
| Function Port | 1*10/100 Mbps Base-TX 1*BNC |
| Power Consumption | <1W |
| Transmission Bandwidth | RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps |
| PoE Protocol | - (Based on the power input from the ePoE switch) |
| Network Standard | IEEE802.3, IEEE802.3u |
| Lightning Protection | Common Mode 6KV Differential Mode 2KV |
| Operating temperature | -40°C-60°C |
| Operating Humidity | 0%~95% |
| Weight | 28.3g |
| Dimension (WxDxH) | 56mmx27mmx21mm |

| Cable Length (m) | Communication Bandwidth (Mbps) | PoE Max Load Capacity (W) | Hi-PoE Max Load Capacity (W) | Network Operating Mode |
|------------------|--------------------------------|---------------------------|------------------------------|------------------------|
| 100 | 100 | 25.5 | 50 | IEEE/E100 |
| 200 | 100 | 25.5 | 30 | E100 |
| 300 | 100 | 18 | 18 | E100 |
| 400 | 100 | 15 | 15 | E100 |
| 500 | 10 | 12 | 12 | E10 |
| 800 | 10 | 6 | 6 | E10 |
| 1000 | 10 | 5 | 5 | E10 |

ePoE switch power supply voltage is 48V.
The cable is RG59 coaxial cable, 100m DC impedance is no more than 5Ω.

| | | | | |
|------|-----|------|----|-----------|
| 100 | 100 | 25.5 | 52 | IEEE/E100 |
| 200 | 100 | 25.5 | 48 | E100 |
| 300 | 100 | 25.5 | 30 | E100 |
| 400 | 100 | 20 | 23 | E100 |
| 500 | 10 | 16 | 16 | E10 |
| 800 | 10 | 10 | 10 | E10 |
| 1000 | 10 | 8 | 8 | E10 |

ePoE switch power supply voltage is 53V.
The cable is RG59 coaxial cable, 100m DC impedance is no more than 5Ω.