UPCOM

Power over Ethernet   ES3001

◆ 100M Single Port Dual Fiber PoE Media Converter

➢ Features

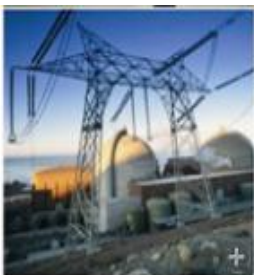- Supply power to Cat5 Ethernetnetwork surveillance cameras
- Broadcasting filtration function, automatic recognizing and modifying address with Store-and-transmission operational mechanism
- Ethernet 10base-T or 100Base-TX 100Base-FX fiber media transmission
- Compatible with IEEE802.3af/at,IEEE802.3, IEEE802.3U, IEEE802.3X, IEEE 802.3z/AB, IEEE802.1d standard
- The electrical interface port supports 100Mbps, 10Mbps, both ends can use different speed (full-duplex work bandwidth for line-speed 2XMbps)
- Cache size for 512KB, address table size is 4KB
- 1x RJ45 port and 1x PoE port; each PoE port power is 15.4W/af,25.5W/at

➢ Introduction

This 10/100M PoE media converter can be use between 10Base-T and 10Base-FL or 100Base-TX cable and 100Base-FX fiber cable for data transmission. It provides stand-alone RJ-45 electrical interface port and supply power to others, and can automatically cross connection with switch and hub network. And feature with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator. Also it can be realize the interconnection between motherboard servers, Repeaters, hubs, switches terminal.
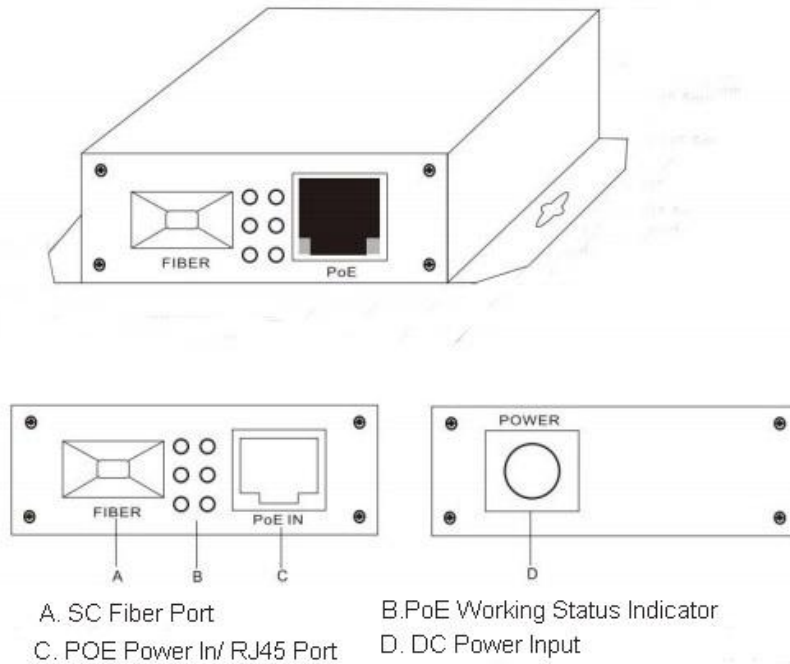
Plug and play design makes easy installation, no on-site adjustment, all the light, electrical interface port is in line with international standards. It can extend the network transmission up to 25km. This dual fiber PoE media converter is suitable for bad industrial environment or high requirements for lightning protection, intelligent transportation supervisory system (ITS) and safe city, High-speed way supervisory/Tele-communication system, IP network camera, security surveillance system for large corporations, multi-function network system.
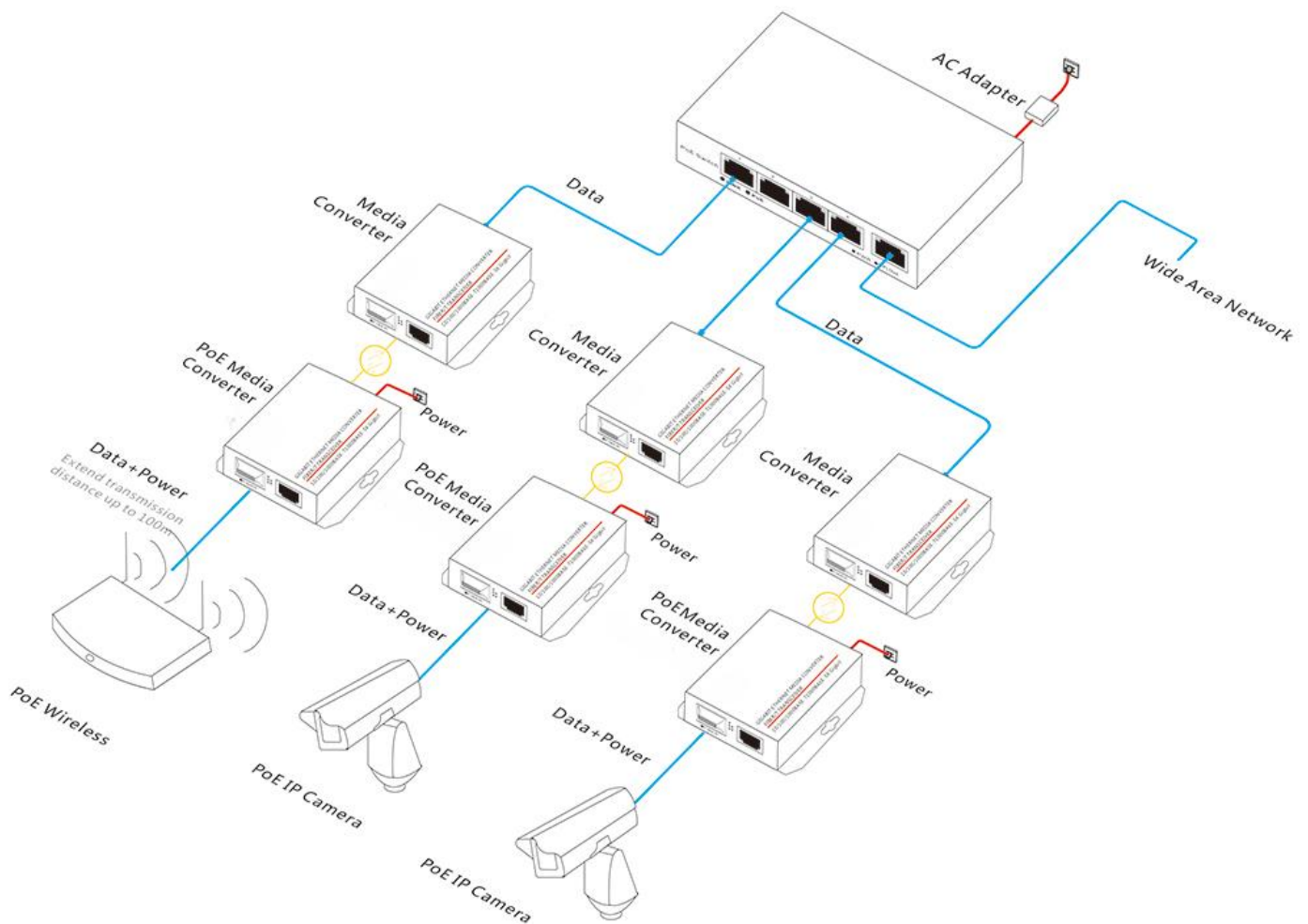
➢ **Specification**

Description	100M Single Port Dual Fiber PoE Media Converter
Connector	1x copper cable RJ45 port +1x PoE port
Transfer Distance	20km
Fiber Description	dual fiber
Wavelength	1310/1550nm
Standards	IEEE 802.3i IEEE 802.3u IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3af IEEE 802.3at
LEDs Status	System, DataLink, PoE working status, RateStatus, Full duplex/half duplex
Power	15.4W/af,25.5W/at External power supply
Dimensions	71x94x26mm
Weight	0.24kg
Environment	Operating Temperature: 0 °~ 55 °C Storage Temperature: -20 °~ 75 °C Operating Humidity: 10% ~ 95%, non-condensing
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Safety	CE Mark ,commercial CE/LVD EN60950, RoHS
Warranty	1 year warranty(2 yeas warranty for power adapter)

➤ Dimension

A. SC Fiber Port
C. POE Power In/ RJ45 Port

B.PoE Working Status Indicator
D. DC Power Input

➤ Application

➢ Ordering Information

Model NO.	Description
ES3001-af	100M Single Port Dual Fiber PoE Media Converter ,15.4W
ES3001-at	100M Single Port Dual Fiber PoE Media Converter, 25.5W

➢ Packing List

- 100M Single Port Dual Fiber PoE Media Converter
- Power Adapter ⅹ 1
- User manual ⅹ 1
- Warranty card ⅹ 1