EOC 1C4E-3 Coaxial-LAN Converter User Manual

- Analog monitoring surveillance and HD network upgrading without replacing the coaxial cable
- Long distance network extended and can be up to 200 meters
- Support multi-point access, one point to multi-point access
- Plug and play, no need to set
- Long distance centralized power supply, the effect is equivalent to PoE power supply
- Transmission via coaxial cable, twisted pair, telephone line and other transmission media
- There must be two or more transmissions, the same link(within the same physical coaxial or twisted pair) just set up the master device to support multiple devices work simultaneously.

Chapter 1. Introduction

1.1. Technology Introduction

Based on the latest IEEE 1901 technology to support high-definition video and high-speed transmission of   data signals in a variety of media, such as coaxial cable and telephone lines. Has a long transmission distance, high-speed communications, multimedia services, network support, etc.
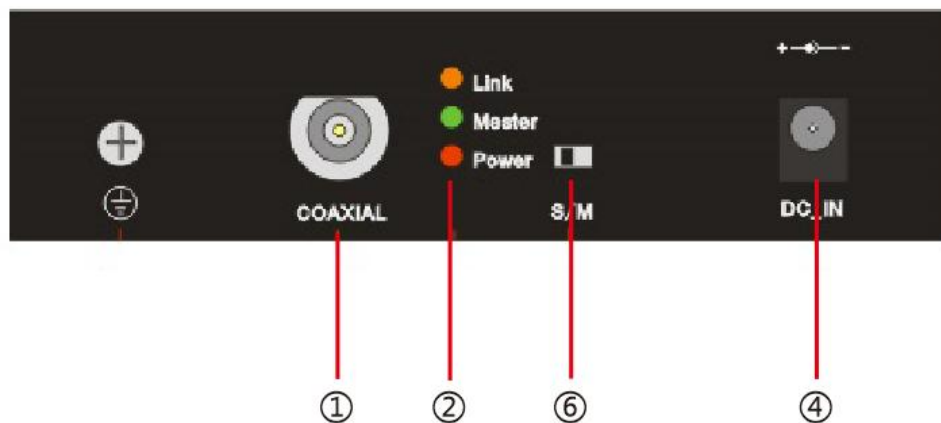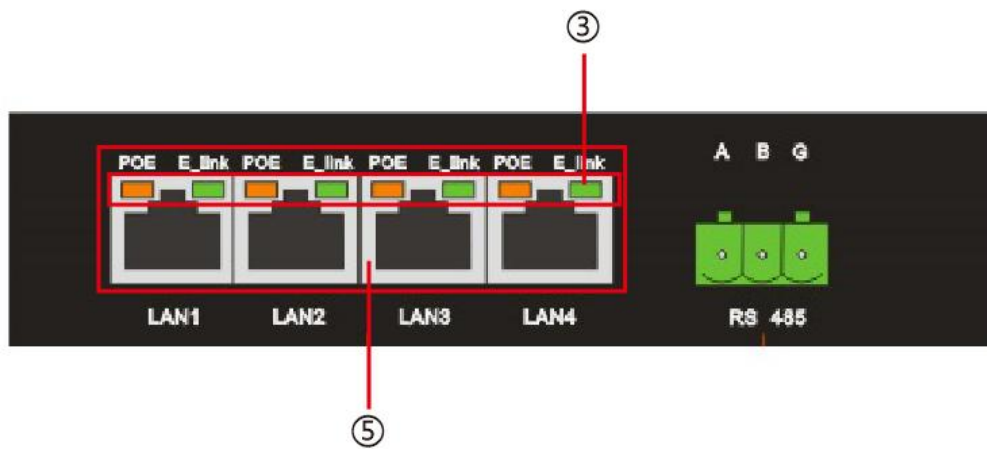
1.2. indicator light

Equipped with 3 LED indicator lights

Link: the physical link link indicator lamp of the coaxial cable, when the connection is established, the president will shine.

Master: you can only be a master.

Power: representing the state of work

LAN: Ethernet Link / Active LED: Indicator light when Ethernet connection is established; Indicator flickers when Ethernet connection is active.

No.	Name	Introduction
1	BNC Port	Coaxial input/output BNC port
2	Coaxial LED light	Physical link connection indicator for the coaxial cable,

		twisted pair link connectivity when the indicator is on the line, please check if the light is off the transmission line.
3	LAN LED light	LAN: Ethernet Link / Activity LED: When an Ethernet connection has been established, the indicator light; Ethernet connection when there is data activity, the indicator flashes.
4	Power supply input	DC 12V1A, positive outside and negative inside
5	RJ45 interface	Connect to the LAN
6	Master/Slave switch	Only Slave

Regullar model

With PoE function model

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1.3. Features

1. Networking: support 4 Lan
2. Transmission span: the maximum transmission span is 2000 meters. Such a

large span will help simplify the installation of

3. High performance: supports multiple HD video streams on a single coaxial cable.

4. Flexibility: it is easy to add new nodes to the system without reinstalling or modifying any device being used.

5. Security ability: support AES-128 password security. Support manufacturers and users to check code and change the connection password in real time.

6. Simple migration from analog to IP system through existing coaxial cables, power lines, telephone lines and twisted pair cables.

7. Power over Ethernet(Optional)

Chapter 2

2.1 Specifications

Model	EOC1C4E-3
Operating temperature	-20 ℃ to 70 ℃
Relative humidity	5% ~ 95%, non-condensing
Maximum power consumption	1.6W
Power supply	12V, 1A
Size	146 × 109 × 29mm
Wide Receiver port	RJ45*4, BNC*1
Net Weight	345g

2.2. Installation Networking Indicate

In the following figure, the cable easily pass "coaxial input / output port" connected via coaxial cable to form a progressive cascade mode. In order to ensure signal integrity and transmission reliability, add to a 75-ohm broadband of each cable head and tail for matching network matches as a terminal.