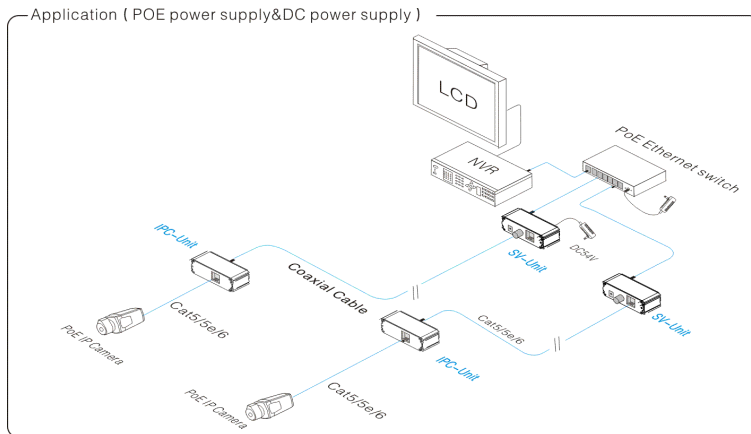


# CA-EOCP-KIT



## Ethernet over Coax/Cat5e Kit with 802.3at PoE+ (30W)



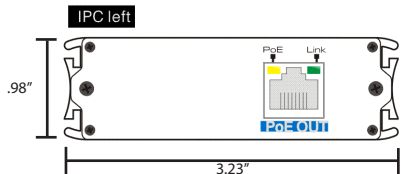
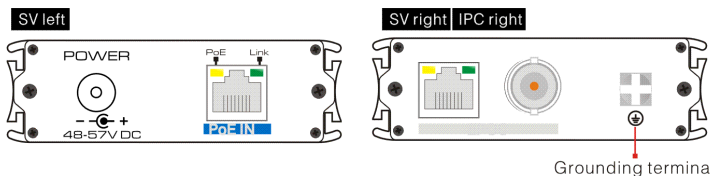
### Features

- EoCPC-SV Unit: 48-57V DC port, 1 PoE Input port / BNC and RJ45 Output ports
- EoCPC-IPC Unit: BNC and RJ45 Input ports / 1 PoE Output port
- 1 port PoE+ 802.3af/802.3at
- Supports Power over Coax
- Up to 30 watts per port (Depends on cable distance)
- Max distance over Coax: 1640 ft.
- Max distance over Cat5e: 1312 ft.
- Auto-Sensing ports (MDI/MDIX)
- IEC Level 3 Lightning Protection / Level 3 ESD (when properly grounded)
- Includes Wall mount

### Specifications

### CA-EOCP-KIT

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3af PoE IEEE 802.3at PoE+ (high power)
MTBF	>30000h
Features (per unit)	2 10/100BaseTX with RJ-45 Connector 1 BNC Connector 1 port with PoE+ (30W)
Data Transfer Rates	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex 200Mbps/Full-Duplex
Transmission Distance	EPOC Coaxial Cable: 0-1640 feet EPOC Network Cable: 0-1312 feet
LED Indicators	Per RJ45 Port: Link/Active, PoE
MAX PoE Power	Up to 30W per port
Power Consumption	<2 Watts
Dimensions	3.23 x 2.49 x .98 inches (W x D x H)
Weight	Unit: 5.43 oz      Shipping: 10 oz
Temp	32 to 131 F Operating      -40 to 185 F Storage
Humidity	0% to 95% RH (non-condensing)



Cable Distance (Meter)	Power at PD (Watts) @ 1m	Power at PD (Watts) @ 100m	Coaxial Loop Resistance
10	30.0	26.0	2.3
100	29.0	26.0	7.4
200	22.0	20.0	14.4
300	16.0	16.0	21.8
400	12.0	11.1	28.4
500	8.5	8.1	36.1
600	6.5	6.0	43
700	5.0	4.5	50
800	3.7	3.4	56.8
900	3.0	2.7	64.4
1000	2.0	1.0	71

The chart was measured by using RG-59U coaxial cable (23 AWG) with the 48V DC power adapter connected at the EoCPC receiver. The EoCPC transmitter and the Power Device (PD) were connected with 1m or 100m Cat.5e cable. No power adapter was connected to PD.

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### Package Contents

- CA-EPOC-KIT
- Wall mount
- Quick guide