

PoE Extender

(Model: EW-COX502POE)

EWIND



- Supports power supply from POE switch, built-in PD, adapter power supply and POE power supply do not affect each other;
- High-power PD (maximum 30W, IEEE 802.3af/at standards);
- Support RS485 transparent transmission, support Modbus protocol (optional function);
- Support multicast function.
- Transparent transmission, no software adjustment required, no need to change the upper layer software;
- Built-in ESD protection circuit, can effectively prevent electrostatic damage.
- Support remote power supply - power supply and signal transmission through the same cable, convenient for construction and cost saving;
- Support one-to-one and one-to-many data transmission

RoHS **FC** **CE**

Introduction

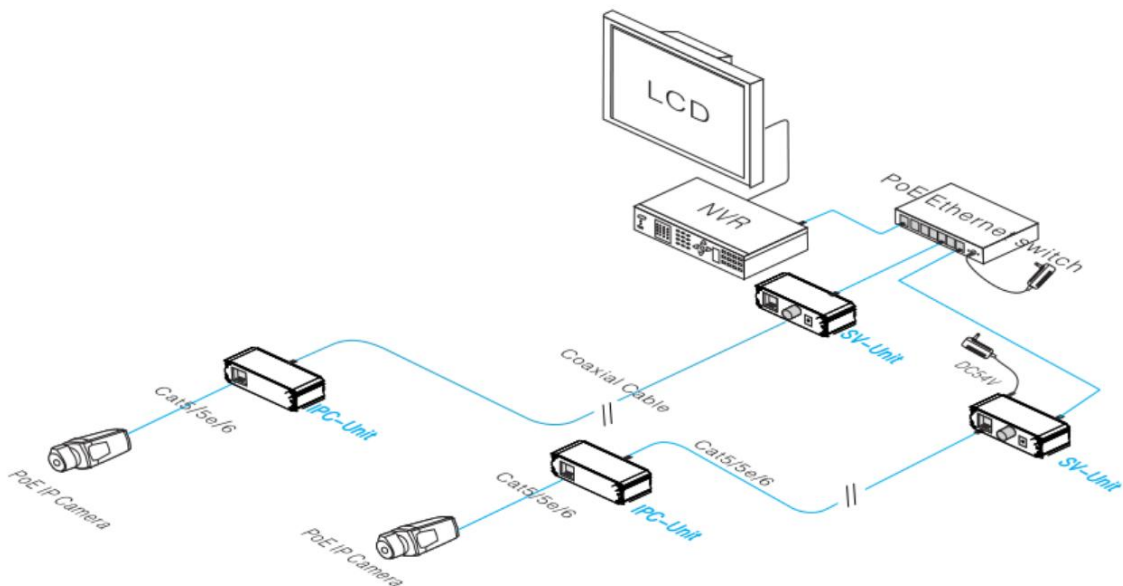
EW-COX502POE POE extender for high-speed network transmission equipment, can be any two-core wire, such as elevator with the cable, twisted pair, coaxial cable, etc. for long-distance transmission, the transmission distance up to 2000 meters (75-5 coaxial line), the maximum physical layer rate can reach 240Mbps.

TECHNICAL SPECIFICATION

Model	EW-COX502POE
Power supply	DC Input:48V-56V/2A;PoE 44V-56V
	Output: POC 44V-56V
	Power Consumption $\geq 3W$
Transmission	Transmission medium :Elevator traveling cable, coaxial cable, twisted pair
	Transmission distance:Max 2000M

	Maximum Link Rates 90Mbps;
	Multicast:Support IGMP multicast protocol
	RS485: Baud rate: 9600, 115200 optional
	Ethernet:10Mbps/100Mbps adaptive
Connectors	DC Input: 2.1-5.5mm plug
	DC Output: RJ45 (1, 2, 4, 5)positive;(3, 6, 7, 8)negative
	Ethernet (data):RJ45 (1, 2 and 3, 6)
	Two-wire signal input and output: 5.08mm×2 Bolt-on Industrial Terminal Blocks/BNC/RJ45
	Ground:
	RS485: 5.08mm×3 Bolt-on Industrial Terminal Blocks
LED Indicators	Power: Lights up after power on
	RJ45 Yellow/POE indicator light, lights up after PD is turned on
	RJ45 Green/Network communication indicator, flashing during communication
Link	Signal connection light, lights up when the master-slave signal is connected, and turns off when the master-slave signal is not connected
Master	The host indicator light will light up after power on if the switch is turned to M before power on, and will not light up after power on if the switch is turned to S before power on
PoE Standard	IEEE 802.3 at / af Both supports
Maximum Power	Up to 30W
Operation TEMP / Humidity	-20 ~ +70 °C/0% ~ 95% RH non condensing
Storage Temperature/Humidity	-40 ~ +85 °C/0% ~ 95% RH non condensing
Dimensions	(excluding interface dimensions) : 121 x 74.4x 29 (mm)
Weight	160g
Warranty	1-year warranty;

APPLICATION



CONTENT	QTY	UNIT
PoE Extender (EW-COX502POE)	1	Pair
Warranty Card	1	PC