

# ECP-94 Series



## ECP-9401

Ethernet & PoE over Coax Transceiver

Ethernet & PoE over Coax/UTP

## ECP-94 Series

Designed for IP Camera System Installers

ECP-94 시리즈는 동축케이블을 통해 IP 통신과 PoE 전원을 함께 공급하는 이더넷 & PoE 컨버터입니다. 기설된 CCTV 회선을 그대로 이용하여 누구나 손쉽게 설치할 수 있기 때문에 IP 보안시스템으로 전환하는데 따르는 비용과 시간을 절약할 수 있습니다. 동축케이블 뿐만 아니라 Cat5e(또는 그 이상) 이나 2-wire 케이블 이라도 사용가능하기 때문에 케이블 선택에 구애받지 않습니다. 1:1 에서 최대 1:63까지 다중 연결을 지원하며, 총 거리 1,000미터까지 데이터를 전송합니다.(BTE-01 사용시 2,000미터까지 지원)

- Extra PoE up to 50W** Supports PoE, PoE+, or Extra PoE up to 50W
- 1 : N** Multi-connection for both Tx / Rx on Coax/UTP
- 12V DC OUT** 12V DC OUT for Non-PoE Camera

### Product Overview

- 1km Coax** Data distance up to 1,000m on Coax
- 2km UTP** Data distance up to 2,000m on UTP Cat5e by using BTE-01
- PoE 800m** PoE distance up to 800m
- PLUG & PLAY** Plug & Play easy set up
- 95M** Bandwidth up to 95Mbps
- Ethernet 10 / 100** Transmit full duplex 10/100 Ethernet
- Quality LED Tx ↔ Rx** Quality indicator for data & power transmission between Tx / Rx



4-port

## ECP-9404R

Ethernet & PoE over Coax Receiver

- 4 B-LiDx** 4 BNC receiving ports for easy multi-connection
- S.O.C.P Technology** SOCP(Smart Over Current Protection) Technology controls and protects the power current for each channel automatically
- S.I.M Technology** SIM(Smart Impedance Matching) Technology controls best impedance matching for better data transmission

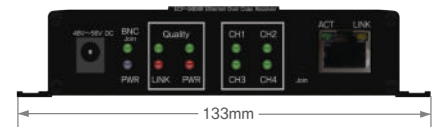
### Product Specification

Model	RJ45	Coax/UTP	Power	PoE	Max Bandwidth	Max Distance	Weight	Dimension(W x L x H)
ECP-9401	10/100 Ethernet	RG59(3C)/Cat5e or Better	DC 48 or 56V Adapter only	PoE, PoE+, Extra PoE	95Mbps	1,000m	198g	83 x 145.3 x 28mm
ECP-9404R							360g	133 x 175.2 x 28mm

### ECP-9401



### ECP-9404R



## Specification

Class	Subclass	Specification	
Product	Model No.	ECP-9401	ECP-9404R
Coaxial-line Interface	Standards	Ethernet over Coax(EoC) Application with raw data rates up to 200Mbps	
	Connector	75Ω BNC(female)	
Ethernet Interface	PHY Connection	10/100BASE-T with Auto-detect Auto MDIX	
	Connector	RJ45	
LED Indicators	Ethernet	1 - Data(Green) / 1 - PoE(Yellow)	1 - Link(Yellow) / 1 - ACT(Green)
	EoC	1 - BNC Join(Green)	
	Power	1 - PWR(Blue)	
	Link Quality	1 - Good(Green) / 1 - Bad(Red)	
	Power Quality	1 - Good(Green) : 40V ~ 56V / 1 - Bad(Red) : 40V Under	
	12V DC OUT	1 - DC OUT(Green)	-
	Channel	-	4 - CH1 ~ CH4(Green)
Encryption	Encryption Method	128-bit AES	
IGMP	IGMP Protocol	IGMP V1, 2, 3	
PoE	Standards	PoE+ (IEEE 802.3at)	
	Maximum Power	Up to 50W(Extra PoE)	
System Power	External Power Adapter(Sold Separately)	AC 90 ~ 260V (50Hz / 60Hz), DC 56V / 1.2A	
	DC Out(2P Terminal Block)	DC 12V / 1.2A	-
Agency Approval	Certification	FCC, CE, KC	
	Surge Protection	IEC 61000-4-5 4kV(1.2 / 50us), 2kA(8 / 20us)	
	AC/DC Adapter Safety	UL 60950-1 and CE60950 for ITE Devices, CAS, TUV	
Mechanical	Weight	198g	360g
	Dimensions(W x L x H)	83 x 145.3 x 28mm	133 x 175.2 x 28mm
Environment Conditions	Operating Temperature Range	- 20 ~ 60 °C	
	Humidity Range	10% ~ 90%	
	Storage Temperature Range	- 30 ~ 80 °C	
PoE Distance	5C-HFBT	up to 800m	
	5C-2V	up to 600m	
	3C-2V	up to 600m	