ETP-08R

☒8-port Ethernet over 2-wire receiver

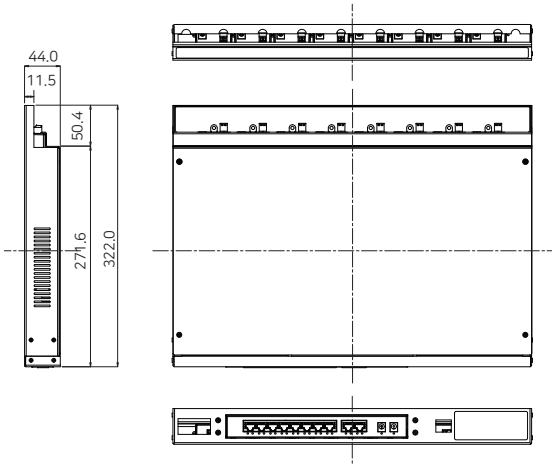
Overview

ETP-08R is an all-in-one 8-port Ethernet over 2-wire receiver and Hybrid switch that simultaneously transmits network data and supplies PoC power at high speed and long distance via 2-wire Twist cable, while also supporting existing Ethernet and PoE converters that can transmit IP data and PoE power for short and long distances.
Using of your existing analog cables (UTP, 2-wire), network cameras are easy to install and it is a cost-effective and time-saving solution to migrate from an existing analog system to an IP-based system. The long-distance transmission feature of this device makes it easy to overcome the usual 100m-distance limit, and combined with the HPS-01 switch, transmission can be extended up to 200m at a maximum speed of 100Mbps. Two power supplies are included for redundance and power sharing.

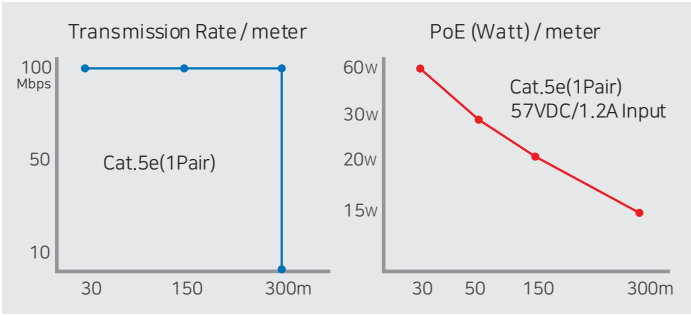
Features

- Simultaneous use of regular Ethernet and Power over 2-wire
- Ethernet extension over existing 2-wire Twist cable
- Data + Power over 2-wire cable (PoE, PoC)
- Data up to 300m over 2-wire
- 100Mbps Full Duplex over 2-wire
- PoE, PoE+, Extra PoE (Max. 60W Output) – Use of additional power adaptor
- Quality LED (Data, Power)
- Plug & Play
- Surge Protection
- 10/100/1000 Base-T Ethernet (Full Duplex) 8+2 Hybrid PoE Switch
- 8-port PoE (IEEE802.3af standard) / PoE+ (IEEE802.3at standard)
- Extended Ethernet distance up to 200m (10/100 Base-T Ethernet standard / With the HPS-01 switch)
- 19" Rack

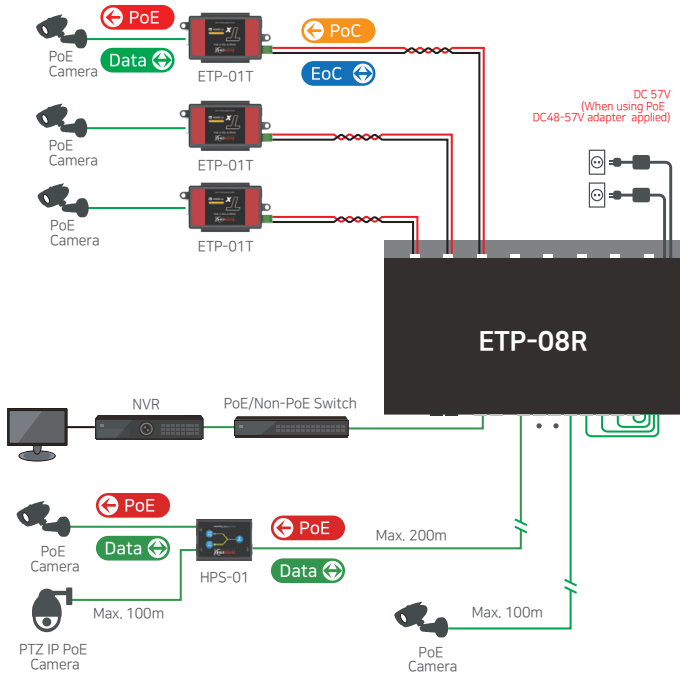
Dimension



Performance chart



Specification

Model		ETP-08R
Interface	2-Wire	8 x 2-Pin Terminal Block– Ethernet over 2-wire twisted cable
	Ethernet Downlink	8 x RJ-45 – 10/100/1000 Base-T with Autodetect MDIX (IEEE802.3af/at)
	Ethernet Uplink	2 x RJ-45 – 10/100/1000 Base-T with Autodetect MDIX
Transmission Rate	2-Wire	100Mbps Full Duplex (100Mbps between Intercoax devices)
	Ethernet	Max. 1Gbps Full Duplex
Transmission Distance	2-Wire	Up to 300m (1 Pair of Cat.5e) / 7W camera
	Ethernet	Up to 100m Up to 200m with HPS-01(2 Port Hybrid Switch)
LED Indication	Ethernet (Downlink)	8 x RJ45 Data Link (Green)
	Ethernet (Uplink)	2 x RJ45 Data Link (Green/Orange)
	PoE Output	8 x PoE Output (Orange)
	PWR Input	2 x Power Input (Blue)
Power Input		2 x Power input [DC-Jack] DC48V-57V
Power Output	PoC	PoE, PoE+, Extra PoE Max 60W over 2-Wire
	PoE	IEEE802.3af(PoE), IEEE802.3at (PoE+ / up to 25.5W)
Mechanical	Dimension	440(L) x 320(W) x 45(H)mm
	Weight	4480g
Environment	Operating Temp	-10 ~ 60°C
	Storage Temp	-30 ~ 80°C
	Relative Humidity	10% ~ 90%
Compliance	Certification	FCC, CE, KC, RoHS
	Surge Protection	IEC 61000-4-5 4kV(1.2 / 50us), 2kA(8 / 20us)
Optional Accessories		ETP-01T, ETP-101T

Connection Diagram