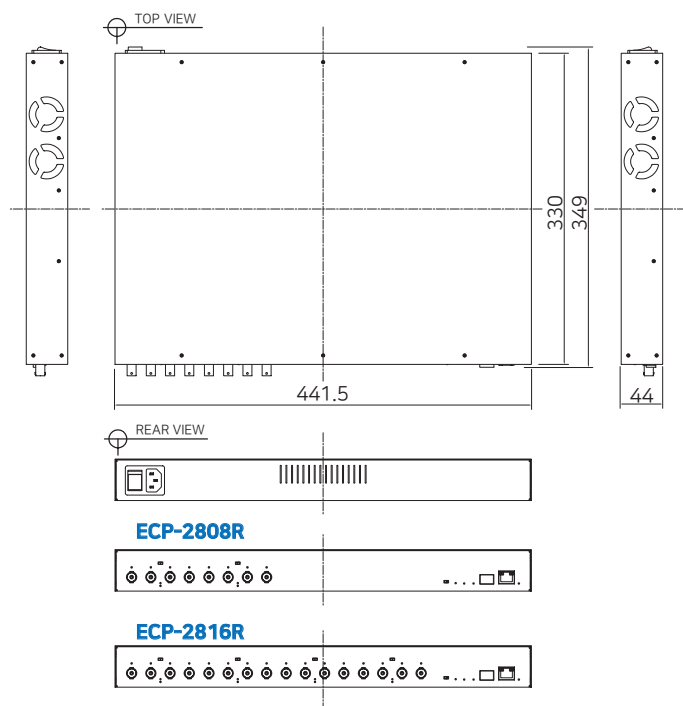


ECP-2808R/2816R

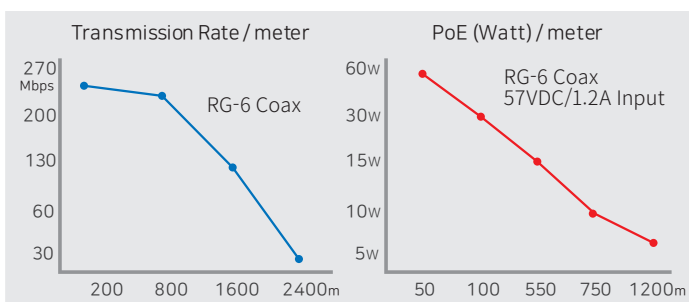
Premium 8/16 Port Ethernet over Coax Receiving Switch



Dimension

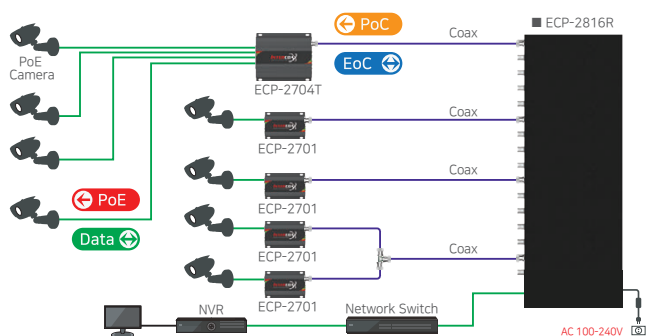


Performance chart



▶ The test result was conducted using ECP-2701 as transmitter.

Connection Diagram



Overview

ECP-2808/2816R are 19" rack mountable Long Distance Ethernet and PoE over Coax Receiving Switches. ECP-2808/2816R can connect up to 8/16 ECP Transmitters even in a Daisy-Chain connection, while also supporting PoE powered devices such as IP cameras, and data rates up to 1Gbps. These devices are the ideal choice in new or existing installations, where coax cables onsite are re-deployed as part of an upgrade from Analog to IP cameras. ECP-2808/2816R have respectively 320W/640 Watt built-in power supply.

Features

- 8/16 Port long distance EoC up to 2.4Km.
- PoE/ PoE+/ Extra PoE up to 60W (PoE++) per B-Linx port.
- Auto Power Short Protection per port. When the cable is being shorted or damaged, it won't transmit power until the cable is fixed.
- B-Linx Device Detection will secure the power transmission only to B-Linx devices.
- Short-Circuit protection enables secure power transmission.
- 320W / 640W Built-in Power Supply.
- Built-in crosstalk cancelling technology.
- B-Linx Multiple Nodes can be used (Daisy Chain, Star, Etc.) on each port.
- Supports UTP, Telephone (2 Pairs), 2-Wire cable communication (Using BTE Series)
- All IEEE1901-HPAV standard EoC devices can be easily connected remotely
- 19-inch(1U) rack mountable design
- Giga-bit SFP and Copper uplink port
- Surge Protection

Specification

Model		ECP-2808R	ECP-2816R
Interface	Coax	8 x 75Ω BNC (Female) - Ethernet over Coax (B-Linx)	16 x 75Ω BNC (Female) - Ethernet over Coax (B-Linx)
	Up-Link	1 x RJ45 - 10/100/1000 Base-T with Auto MDIX, 1 x SFP - 1000 Base-FX	
B-Linx / T-Linx Transmission Rate (Ethernet over Coax/UTP)		UP to 560Mbps Full Duplex	UP to 1Gbps Full Duplex
B-Linx / T-Linx Communication Standard		IEEE1901-HPAV	
B-Linx / T-Linx Communication Modulation		OFDM	
B-Linx / T-Linx Communication Multiple Nodes (Daisy Chain)		2 remote transmitters per port recommended (Max up to 4 per port)	
Data Transmission Distance	Coax	Up to 2.4Km (RG6)	
Power Transmission Distance	Coax	Up to 1.2Km (RG6 / 7W)	
LED Indication	Power	1 x Blue	
	RJ45 Up-Link	1 x Green (10/100-Link) / 1 x Yellow (1000-Link)	
	SFP Up-Link	1 x Green (1000-Link)	
	Port	8 x Green	16 x Green
Buzzer	Join	2 x Green	
	Alarm	1 x Red	
	Event	Buzzer / Mute	
Encryption		128-bit AES	
Power	AC Input	AC100V-240V (50Hz/60Hz), 320W / 640W	
	DC output per Port	Max DC 57V (Max. 60W per port for PoE support)	
	Port Short Protection	Auto Detection & Protection	
Heat dissipation		Max. 86/95 BTU/hr	Max. 138/151 BTU/hr
Smart B-Linx / T-Linx Device Detection		Detection On / Off	
Mechanical	Dimension	441.5(L) x 330(W) x 44(H)mm	
	Weight	5,160g	5,600g
	Operating Temp	-10 ~ 60°C	
Environment	Storage Temp	-30 ~ 80°C	
	Relative Humidity	10% ~ 80%	
	Certification	CE (including Railways Standard EN 50121-4), FCC, KC, RoHS	
Compliance		Surge Protection IEC61000-4-5 4kV(1.2 / 50us), 2kA(8/20us)	

- ▶ Multi-Port devices may have different bandwidth and power current for each port, depending on the number of devices connected.
- ▶ Transmission distance may vary depending on the type and quality of the cable, the use of power and the environment.
- ▶ The distance indicated is based on RG-6 cables and 7W IP camera.