



Coaxial to Ethernet Converter for PoE Cameras



This product is divided into the transmitter (ACVTR) and receiver (ACVRC). Designed to work as a type of converter from RJ45 to BNC port, which supports long-range power supply transmission via coaxial cable adding convenience to expand your network security system. It provides one BNC coaxial port and one RJ45 port. For a reliable connection, this is equipped with two transmission modes that are 100Mbps and 10Mbps. Stay connected and be able to modify the transmission distance.

- Supports IEEE802.3, IEEE802.3u standards
- Support data line (1, 2, 3, 6) PoE power supply
- Port: 1*RJ45 10/100Mbps, 1*BNC
- Supports RG59 coaxial cable: 400m/100Mbps,1000m/10Mbps
- Supports MDI/MDIX self-adaption.
- Supports long range power supply transmission via coaxial cable*

LOREX[®] Coaxial to Ethernet Converter for PoE Cameras

Specifications

Function Port	1*10/100 Mbps Base-TX, 1*BNC
Power Consumption	<2W
Transmission Bandwidth	RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps
PoE Protocol	48V Passive PoE (Pairs 1, 2+, 3, 6 Return)
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Lightning Protection	Common Mode 4KV Differential Mode 2KV
Operating Temperature	-30°C to 65°C (-22°F to 149 °F)
Operating Humidity	5%–95%
Weight	61 g (0.13 lb)
Dimension (W×D×H)	79 mm × 52 mm × 23 mm

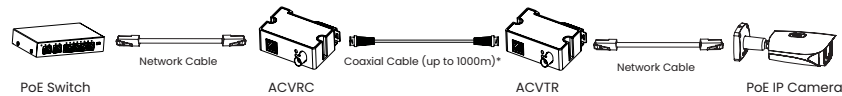
Take RG59 as an example (Max. DC resistance < 5.0Ω/100m)

	ACVTR/ACVRC	Supports with 48V	Supports with 53V
100m	Bandwidth (Mbps)	100	100
	Load Capacity (W)	21	25.5
200m	Bandwidth (Mbps)	100	100
	Load Capacity (W)	15	24
300m	Bandwidth (Mbps)	100	100
	Load Capacity (W)	11	19
400m	Bandwidth (Mbps)	100	100
	Load Capacity (W)	9	16
500m	Bandwidth (Mbps)	10	10
	Load Capacity (W)	7	13
800m	Bandwidth (Mbps)	10	10
	Load Capacity (W)	5	8
1000m	Bandwidth (Mbps)	10	10
	Load Capacity (W)	4	6

Model Information

ACVTR	Ethernet Over Coax Transmitter	6-95529-05059-1
ACVRC	Ethernet Over Coax Receiver	6-95529-05060-7

Diagram



The number of ACVRC connected to the same switch cannot exceed 8.

*Performance and transmission speed are subject to coaxial cable quality and coupler quality.

Package Dimensions

Package	Plain Box
Package Weight	0.31 lb / 0.14 kg
Package Dimensions (W × D × H)	4.5 × 3.1 × 3.0" / 115 × 80 × 78mm
Package Cube	0.02 cbf / 0.0007 cbm