

Uses mode A only

Model	INVID-IPOVERCOAX-TX INVID-IPOVERCOAX-RX
Function Port	1*10/100 Mbps Base-TX 1*BNC
Power Consumption	<2W
Transmission Bandwidth	RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps
PoE Protocol	IEEE802 3af, IEEE802 3at
Network Standard	IEEE802 3, IEEE802 3u, IEEE802 3x
Lightning Protection	Common Mode 4KV Differential Mode 2KV
Operating Temperature	-22° ~ 149° F (-30° ~ 65° C)
Operating Humidity	5-95%
Weight	0.13 lbs (61g)
Dimensions (WxDxH)	3.11 x 2.04 x .9" (79 x 52 x 23mm)

INVID-IPOVERCOAX

IP Over Coax Passive Converters.
(Includes INVID-IPOVERCOAX-RX & INVID-IPOVERCOAX-TX)

Features

- IP Video & Audio & Data & POE Power transmission over coaxial cable
- Passive design, no power adapter is required
- Max 1000 meters (3000ft) transmission
- Up to 100Mbps bandwidth over 1,000 feet regular coax cable transmission, working with CCA/CCU RG59/RG6 cable
- Plug-and-play, configuration free
- Small size (3.1"x2.0"x0.9"), light weight, fit into regular camera back box
- Compatible to IEEE802.3af/IEEE802.3at POE protocol, max 21W POE load capacity in 330ft (100m), or 11W POE load capacity in 1000ft (300m)
- Interface: 1*RJ45 10/100Mbps, 1*BNC RG59 coaxial
- Perfect to upgrade analog system to IP surveillance system
- Works with all InVid Tech and other PoE IP Cameras
- **Recommended to connect to network switches for use. Not all NVR PnP ports will recognize the EoC (Ethernet over Coax) adapter**

PoE Power Supply Specifications (RG59 Coaxial Cable)

Cable Length (m)	Communication Bandwidth (Mbps)	PoE Max Load Capacity (W)	Network Operating Mode
100	100	21	E100
200	100	15	E100
300	100	11	E100
400	100	9	E100
500	10	7	E10
800	10	5	E10
1000	10	4	E10

ePoE switch power supply voltage is 48V.
RG-59, max. DC resistance <5Ω/100m.
Caution: The load capacity can be applied to etworking scheme 3. Cable length means the total wire length from switch to transmitter (including network cable and coaxial cable). It can be used max 2m network cable to connection transmitter to IPC.

Cable Length (m)	Communication Bandwidth (Mbps)	PoE Max Load Capacity (W)	Network Operating Mode
100	100	25.5	E100
200	100	24	E100
300	100	19	E100
400	100	16	E100
500	10	13	E10
800	10	8	E10
1000	10	6	E10

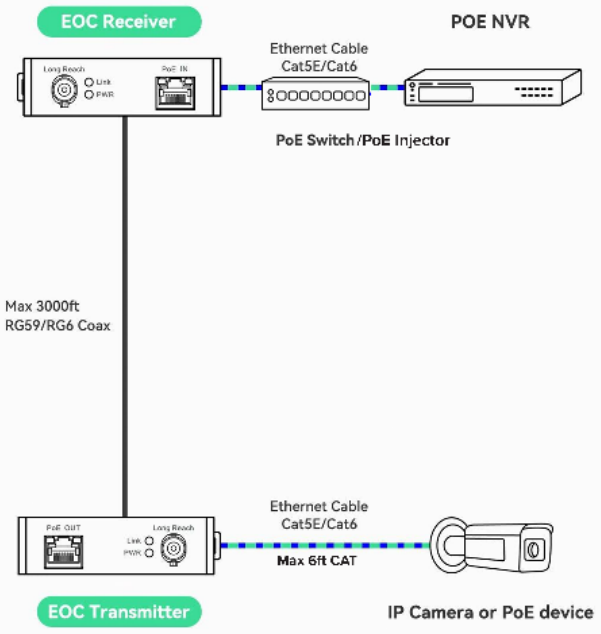
ePoE switch power supply voltage is 53V.
RG-59, max. DC resistance <5Ω/100m.
Caution: The load capacity can be applied to etworking scheme 3. Cable length means the total wire length from switch to transmitter (including network cable and coaxial cable). It can be used max 2m network cable to connection transmitter to IPC.

Ordering Information

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Connection Diagram



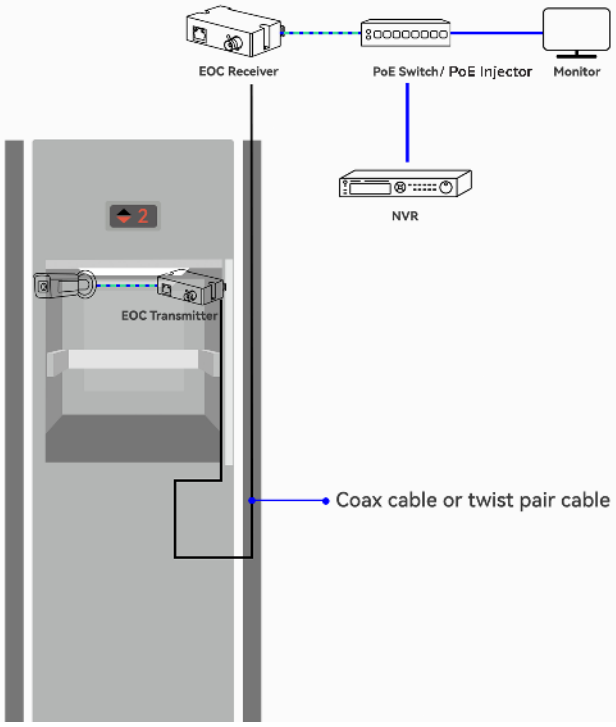
Transmitter & Receiver



Transmission Distance

Transmission Distance		Performance
100m (330ft)	Bandwidth	100 Mbps
	Load Capacity	21W
300m (1,000ft)	Bandwidth	100 Mbps
	Load Capacity	11W
1,000m (3,280ft)	Bandwidth	10 Mbps
	Load Capacity	4W

Application in Elevator



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