

8 CHANNEL IP OVER COAX KIT

The IPCOAX-KIT8 facilitates the transmission of both Ethernet (Ethernet over Coax, EoC) and power (Power over Coax, PoC) over a single coaxial cable. This integration simplifies installation and reduces the need for additional cabling.



THE IPCOAX-KIT8 FACILITATES THE TRANSMISSION OF BOTH ETHERNET (ETHERNET OVER COAX, EOC) AND POWER (POWER OVER COAX, POC) OVER A SINGLE COAXIAL CABLE. THIS INTEGRATION SIMPLIFIES INSTALLATION AND REDUCES THE NEED FOR ADDITIONAL CABLING.

--- **RACKMOUNT COMPATIBLE**

LONG-DISTANCE DATA TRANSMISSION

Supports up to 500m at 100Mbps or 1km at 10Mbps with RG-6 coaxial cable, and slightly shorter distances with RG-59.

BUILT-IN SWITCH

Features a 10/100Mbps switch for optimizing transmission bandwidth, with options for either RJ-45 or SFP ports.

HIGH-SPEED DATA TRANSFER

100Mbps: Up to 500 meters with RG-6 coaxial cable; up to 400 meters with RG-59.

10Mbps: Up to 1 kilometer with RG-6 coaxial cable; up to 800 meters with RG-59.

BUILT-IN BANDWIDTH SWITCH

Port Selection: Allows for switching between RJ-45 and SFP ports for flexible connectivity options.

PLUG & PLAY OPERATION

No Pairing Required: Simplifies installation with a plug-and-play design, eliminating the need for complex configuration.

AUTO DIAGNOSIS FUNCTION

Ensures a stable power supply by automatically detecting and addressing power issues.

POWER OVER ETHERNET CONTROL

PoE ON/OFF Switch: Located on the IPCOAX-300M-TX transmitter, this feature allows users to control the power supply to connected devices easily

MULTICAST SUPPORT

Multicast Capability: Supports multicast data transmission, allowing efficient distribution of data to multiple devices.

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IPCOAX-300M-RX

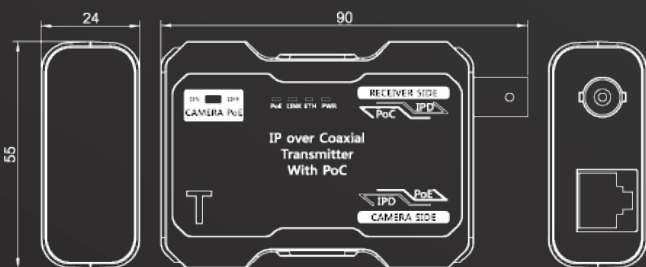
Max. Digital Transmission Bandwidth	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
Max. Self-Power Consumption	2W
Power Input	PoE (Power over Coax) from EXTPOE-GB-1K-T
Power Output	Midspan PoE
Max. Power (PoE) Supply	30W
Max. Transmission Distance	RG-6 : 500m(100Mbps), 1km(10Mbps) RG-59 : 400m(100Mbps), 800m(10Mbps)
Temperature / Humidity	-20° ~ +50° / 0 ~ 80%
Connection Port	RJ-45 X 1 / BNC-F X 1
Case Body / Weight	ABS / 60g
Dimensions (mm)	90(W) x 55(H) x 24(D)

IPCOAX-TX-08

Max. Digital Transmission Bandwidth Tx. ↔ Rx.	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
Max. Digital Transmission Bandwidth Rx. ↔ Tx.	TCP Rate: 16Gbps
Max. Self-Power Consumption	(Max. Load) 127W (Total Max. 150W)
Power Input	AC100V to 240V
Max. Power (PoE) Supply	Max. 12W (Max. 30W @ Channel)
Max. Transmission Distance (Full Duplex)	RG-6 : 500m(100Mbps), 1km(10Mbps) RG-59 : 400m(100Mbps), 800m(10Mbps)
Temperature / Humidity	-20° ~ +50° / 0 ~ 80%
Connection Port	RJ-45 X 1 / BNC-F X 8 / SFP X 1
Case Body / Weight	Steel / 4kg
Dimensions (mm)	430(W) x 44(H) x 300(D)

8X IPCOAX-300M-RX

1X IPCOAX-TX-08



CONNECTION DIAGRAM

