

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.



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.

PLUG & PLAY OPERATION

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

BUILT-IN SWITCH

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

AUTO DIAGNOSIS FUNCTION

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

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.

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

BUILT-IN BANDWIDTH SWITCH

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

MULTICAST SUPPORT

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



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IPCOAX-300M-TX

SPECIFICATIONS	
MAX. DIGITAL TRANSMISSION BANDWIDTH	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
MAX. SELF-POWER CONSUMPTION	2W
POWER INPUT	PoC (Power over Coax) from SC-IPR0708H
POWER OUTPUT	Midspan PoE
MAX. POWER (POE) SUPPLY	Max. 30W
MAX. TRANSMISSION DISTANCE (FULL DUPLEX)	RG-6 : 500m(100Mbps), 1km(10Mbps) RG-59 : 400m(100Mbps), 800m(10Mbps)
TEMPERATURE / HUMIDITY	-10°C ~ +50°C / 0 ~ 80%
CONNECTION PORT	RJ-45 X 1 / BNC-F X 1
MATERIAL / WEIGHT	ABS / 60g
DIMENSIONS (MM)	90(W) x 55(H) x 24(D)

IPCOAX-RX-08

SPECIFICATIONS	
MAX. DIGITAL TRANSMISSION BANDWIDTH : TX ↔ RX.	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
MAX. DIGITAL TRANSMISSION BANDWIDTH : RX ↔ NVR.	TCP Rate : 1Gbps
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	-10°C ~ +50°C / 0 ~ 80%
CONNECTION PORT	RJ-45 X 1 / BNC-F X 8 / SFP X 1
MATERIAL / WEIGHT	Steel / 4kg
DIMENSIONS (MM)	430(W) x 44(H) x 300(D)

8X #IPCOAX-300M-TX

1X #IPCOAX-RX-08

