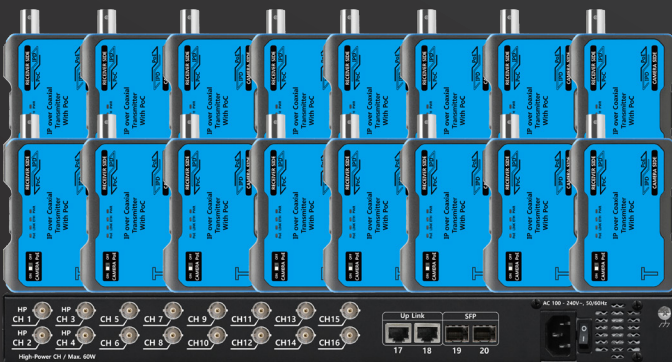


16 CHANNEL IP OVER COAX KIT

The **IPCOAX-KIT16** transmits both Ethernet (Ethernet over Coax, EoC) and power (Power over Coax, PoC) over a single coaxial cable. Designed for long-distance IP transmission, it upgrades existing coaxial installations to modern IP surveillance while reducing installation costs and eliminating the need for additional power cabling.



LONG-DISTANCE TRANSMISSION

100MBPS: UP TO 500M (RG-6) / 250M (RG-59)

10MBPS: UP TO 1KM (RG-6) / 700M (RG-59)

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

Integrated switching hub featuring:
RJ-45 uplink ×2
SFP uplink ×2
10/100Mbps bandwidth optimization

POWER OVER COAX (POC)

Supplies up to 30W PoE per channel
Channels 1–4 support up to 60W when used with SC-IPC601T (sold separately)

MULTICAST SUPPORT

Supports multicast transmission for efficient distribution of video streams.

PLUG & PLAY OPERATION

No pairing required. Simply connect the transmitter and receiver for quick installation.

AUTO DIAGNOSIS FUNCTION

Automatically monitors system status to ensure a stable power supply and reliable operation.

BANDWIDTH SWITCH

Built-in 10/100Mbps bandwidth switch for transmission optimization based on cable distance.

COST-EFFECTIVE INSTALLATION

Reuse existing coaxial infrastructure to reduce installation time and overall construction costs.



16 CHANNEL IP OVER COAX KIT



IPCOAX-16CH RECEIVER

AC Input	AC100-240V, 50/60Hz
Power Consumption	Max. 15W
PoC Capacity	53VDC, 300W (50°C), 370W (40°C Max.)
PoC Output	CH5-CH16: Max. 30W each CH1-CH4: Max. 60W each
BNC Ports	16
RJ45 Uplink	2 × Gigabit
SFP Uplink	2 × Gigabit
Downlink Speed	10/100Mbps Full Duplex
Transmission Distance	RG-6: 500m @100Mbps / 1km @10Mbps RG-59: 250m @100Mbps / 700m @10Mbps
Display	FND Current / Power Display
Temperature	-10°C to +50°C
Humidity	0-80%
Weight	4kg
Dimensions	430 × 44 × 300mm

FEATURES

Ethernet (EoC) + Power (PoC) over one coaxial cable

PoE support up to 30W

High-power channels (1-4) up to 60W

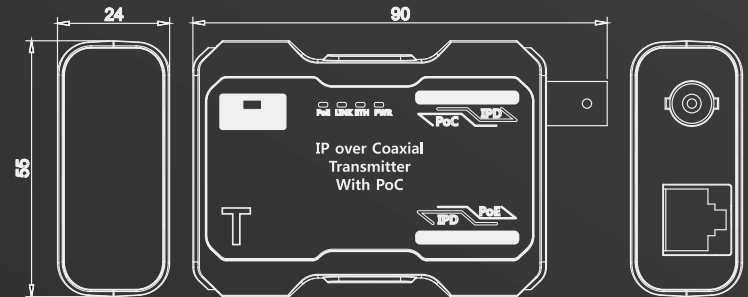
Built-in switch hub

RJ45 & SFP Gigabit uplinks

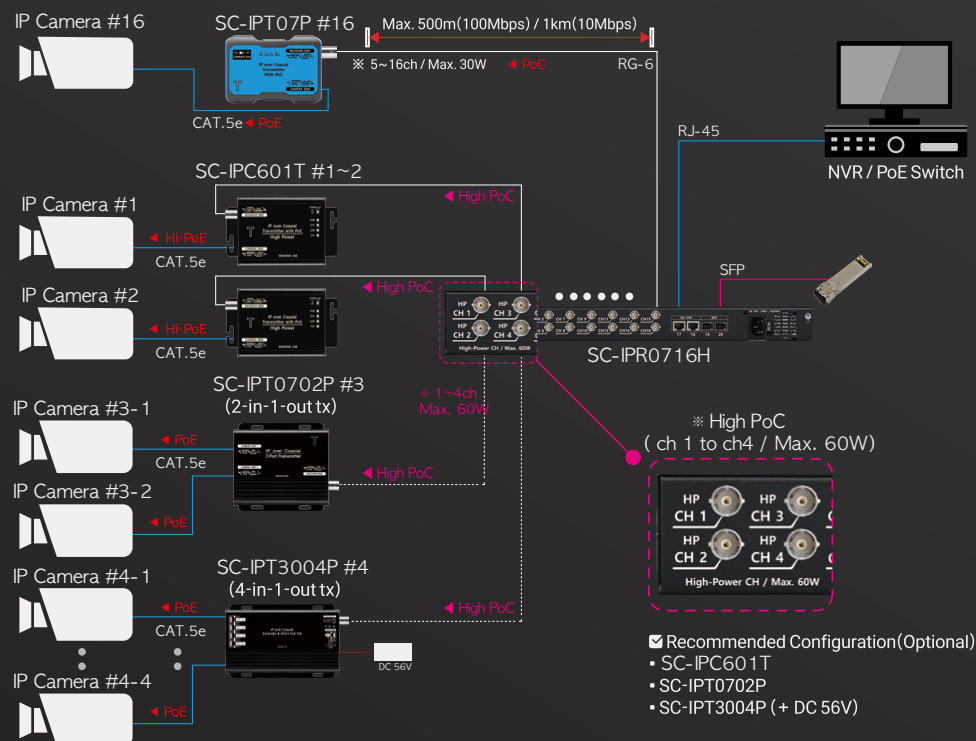
Plug & Play installation

Auto diagnosis

Multicast support



CONNECTION DIAGRAM



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At G.S.D Group, we design and deliver innovative, reliable, and high-performance security solutions that protect people, businesses, and critical infrastructure. From intelligent surveillance and access control to enterprise software and AI-powered technologies, we provide complete security ecosystems built for today's challenges and tomorrow's opportunities.

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