TS-EC1701

Ethernet over Coaxial (EoC) Converter



DESCRIPTION

The TS-EC1701 converts an Ethernet (LAN) signal so it can be transmitted over coaxial cable. Existing CCTV coax can carry IP camera or internet traffic without installing new network cabling, making it a cost-effective way to upgrade analog CCTV to IP and to extend the network to distant points far beyond the 100 m limit of standard LAN cable.

APPLICATION

- Upgrading analog CCTV to IP cameras
- Guard posts, remote warehouses and outdoor points
- Elevators and buildings where new cabling is difficult
- Tunnels, parking areas and factories

FEATURE

- IP / Ethernet transmission over existing coaxial cable
- Long range: up to 2,000 m over coax (vs. 100 m on standard LAN cable)
- Data rate up to 100 Mbps
- Plug-and-play, no configuration required
- Point-to-point, used in pairs
- No need to open ceilings or walls to pull new LAN cable
- Power and Link LED indicators
- 12VDC power input

SPECIFICATION

Model	TS-EC1701
Product Type	Ethernet over Coaxial (EoC) Converter
Deployment	Point-to-point, used in pairs
Network Interface	RJ45 Ethernet
Coaxial Interface	BNC
Data Rate	Up to 100 Mbps
Transmission Distance	Up to 2,000 m (2 km) over coaxial cable
LED Indicators	Power, Link
Installation	Plug-and-play, no configuration required
Power Supply	12VDC
Operating Temperature	-10°C to +55°C

Specifications are subject to change without prior notice.