

Ethernet over COAX media converter


Model: SC-EOC1100




The Ethernet over Coax Media Converter provides a quick replacement and smooth migration solution from an existing analog coax system to a full digital system. This unit is ideal for extending the distance and signal conversion and, because the converter allows the transmission of Ethernet format data using coaxial cable instead of new wire, it also saves wiring costs. The converter offers plug-and-play functionality, with no software configuration required, and is fully compliant with multiple network protocols. Moreover, the rich diagnostic LEDs on the front panel provide the operating status of individual ports as well as the whole system.

Features

- Using 75-5 coaxial cable interface, analog upgrade network hd
- Through the coaxial line transmission distance up to 2000 meters
- Unique LRE(Long-Reacher Ethernet) long line Ethernet driver technology
- Anti-lightning strike design, while effective preventing static electricity
- External power adapter, circuit design simple, stable equipment
- Plug and play
- Fast transmission and stability
- Low power dissipation, wide voltage input 12V , easy installation

 Tel: 2757 7281

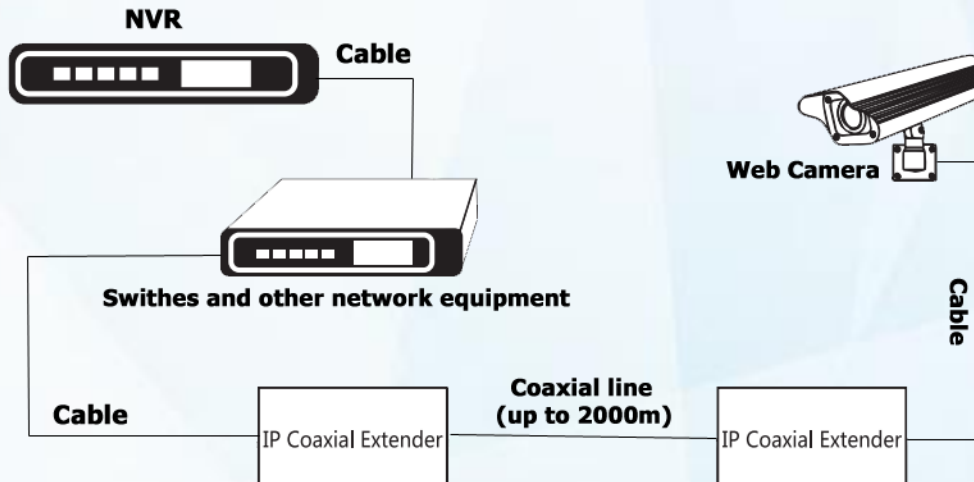
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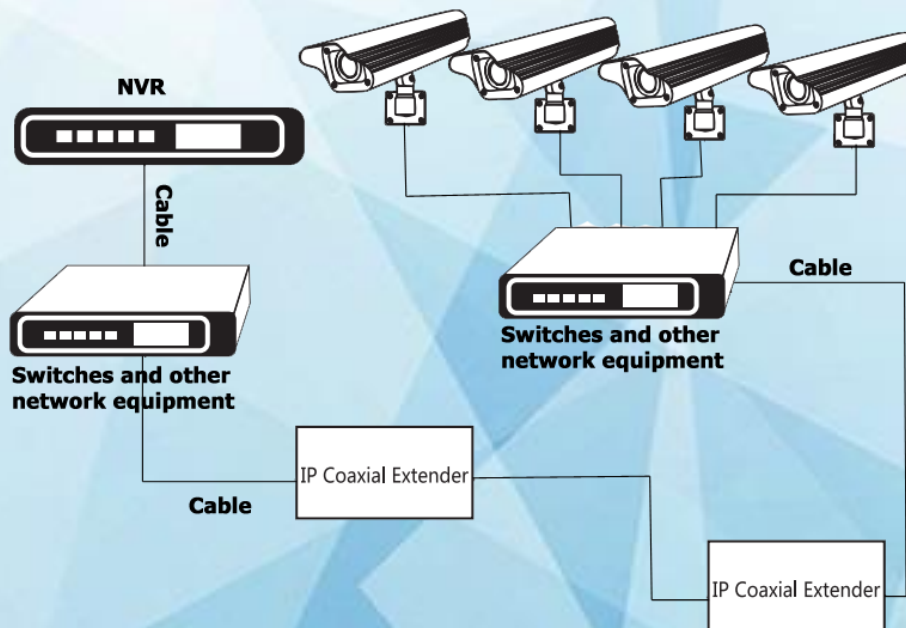
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Schematic diagram of coaxial cable connection



Schematic diagram of multi network connection



Technical Indexes

Model	SC-EOC1100
Standards	IEEE802.3
	IEEE802.3u
	IEEE802.3x
	TCP/IP
Technology	IEEE 1901 and HOMEPLUG@ AV2 technology
Ports: 10/100Base-TX	1 RJ-45, Auto-negotiation and Auto-MDI/MDI-X
Ports: Coaxial	1 BNC, female connector
Cabling	Coaxial cable
Data rate	10/100Mbps
LED Light	Coaxial, LAN, PWR
Power Consumption	Less than 1.6W
Performance Specification	Store-forward
Distance	2000 meters
Power Supply	12VDC
Weight	0.6KG
MTBF	> 50,000 hrs
Operating	Temperature: 0°C~50°C
	Relative Humidity: 5%~90% (non-condensing)
Storage	Temperature: -20°C~70°C
	Relative Humidity: 5%~90% (non-condensing)
Safety	CE/FCC/RoHs
Warranty	One year

Cable Length and Speed Reference Table

Distance and Data Rate	Distance	Coaxial Cable 75-5	Twisted pair cable	Telephone Line
	300m	100Mbps	80Mbps	60Mbps
	600m	90Mbps	60Mbps	50Mbps
	1000m	70Mbps	40Mbps	30Mbps
	1500m	50Mbps	30Mbps	20Mbps
	2000m	30Mbps	15Mbps	10Mbps