Ethernet over coaxial converter

BCZW

Plug & Play

Wall Mountable

6KV Lightning Protection

EXCLUSIVE 2 YEAR WARRANTY

EOC-200

Key Features:

- 1 Port BNC Interface and 1 Port 10/100M RJ45 interface
- Used to replace IP cameras with analog cameras, no need to replace cables
- One 10/100Mbps RJ-45 port, Auto-Negotiation and Auto-MDI/MDI-X
- Advantage of minimum installation time (Simply as Plug-and-Play)
- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u, 100Base-TX, Flow control Ethernet standards
- Compact in size, easy installation

10/100Mbps Downstream / upstream, high Performance Ethernet over Coaxial cable Solution

This EOC-200 is an Ethernet-over-Coaxial cable Converter with high performance. It is designed based on coaxial and Ethernet technology. The technology offers absolutely fastest data transmission speed over coaxial cable or existing copper telephone lines without the need of rewiring. The EOC-200 supports ultra-high performance to the pervasive telephone line network with up to 100/100Mbps symmetric data rate within 300m and 30/2Mbps for 2km long range connections.

Implementing with Existing Coaxial cable

The EOC-200 is also a Long Reach Ethernet (LRE) converter providing one RJ-45 Ethernet port and one BNC connector. The EOC-200 is ideal to be used as an Ethernet extender to an existing Ethernet network.

Delivering High-Demand Service Connectivity for ISP / Triple Play Devices

The EOC-200 provides excellent bandwidth to satisfy the triple play devices for home entertainment and communication. With the capability of 100/100Mbps symmetric data transmission, the VC-200 enables many multi-media services to work on the local Internet, such as VOD (Video on Demand), Voice over IP, Video phone, IPTV, Internet caching server, distance education, and so on.
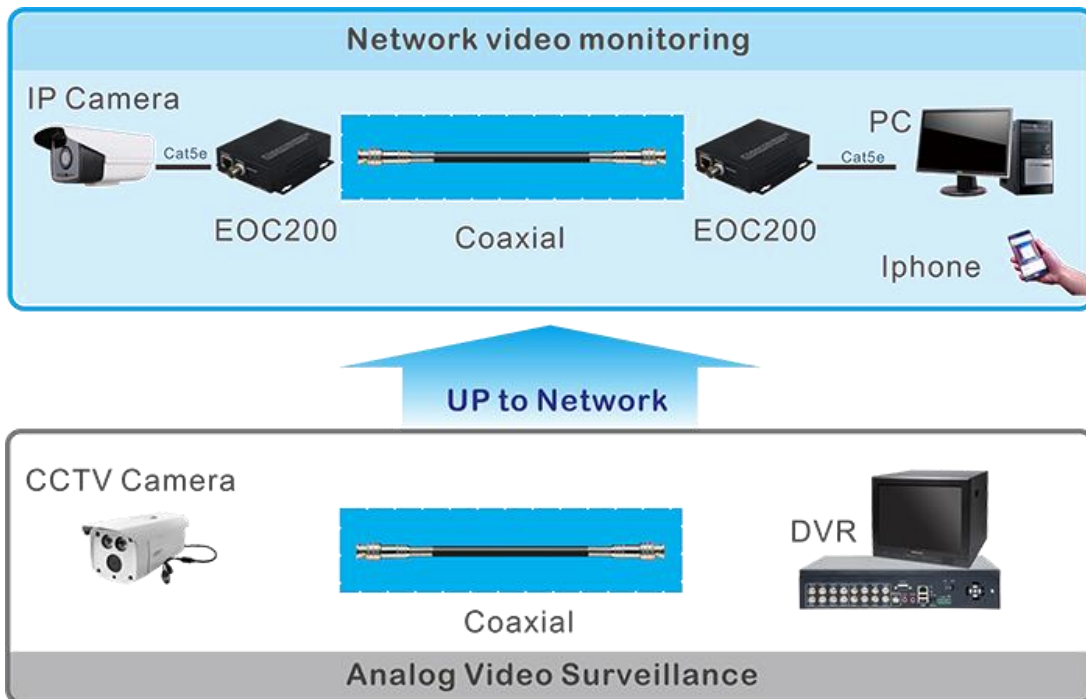
Easy & Flexible Installation

The Ethernet-over-Coaxial Converter comes with a plug-and-play design and is fully compatible with all kinds of network protocols. Moreover, the operating status of each individual port and the whole system can be watched via the rich diagnostic LEDs on the front panel.

EOC-200

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Technical Datasheet

Model	EOC-200
Hardware Specifications	
Ports	• 10/100Base-TX： 1 RJ-45, Auto-Negotiation and Auto-MDI/MDI-X • 1*BNC interface
DIP Switch & Functionality	• 2 position DIP switch • CO / CPE mode select
Encoding	• IEEE P1901 • LDPC-C FEC with 128-bit AES
LED Indicators	• Power • 1 for coaxial - Link • 1 for LAN port - Link/ACT
Cabling	• Ethernet 　10Base-T: 2-pair UTP Cat.3,4,5 up to 100m (328ft) 　100Base-TX: 2-pair UTP Cat.5, up to 100m (328ft) • Coaxial cable 　SYV75-5 cable can transmit up to 2Km
Performance* (Downstream / Upstream)	• 400m -> 92/52Mbps • 600m -> 81/36Mbps • 1000m -> 74/19Mbps • 1200m -> 69/9Mbps • 1400m -> 50/6Mbps • 2000m -> 30/2Mbps
Power Requirements	12V DC, 1A (Adaptor excluded)
Power Consumption	3 Watts
Dimensions (W x D x H)	95 x 92 x 26 mm
Weight	0.3Kg
Environment	
Operating	Temperature: -20~ 70 degrees C; Relative Humidity: 10 ~ 90% (non-condensing)
Storage	Temperature: -40 ~ 85 degrees C; Relative Humidity: 5 ~ 95% (non-condensing)
Standard Conformance	
Regulation Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE P1901
The actual data rate will vary on the quality of the Coaxial cable and environment factors.	

Applications

Ordering Information	
EOC-200	Ethernet over coaxial converter