

EOC1N



EOC1N High-Speed Ethernet over Coax

PRODUCT DESCRIPTION

Videolarm's EOC1N offers a more economical solution when addressing a network system adoption by converting the signal processing speed from analog video (co-ax) into a high-speed Ethernet mobility. The EOC1N simply connects to your existing Coax cable infrastructure and into any Videolarm IP Ready™ or network CCTV camera system. By utilizing your preexisting analog cable, the EOC1N offers savings from a new network cable system installation.

Ideal for Mega-Pixel cameras or multiple IP cameras, Videolarm's EOC1N was engineered specifically to support high traffic data rates. Simple to install and providing a wealth of cost savings on a new cable system installation, the EOC1N is an ideal solution in upgrading your existing analog video surveillance system into a high-powered and versatile IP network.



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PRODUCT FEATURES

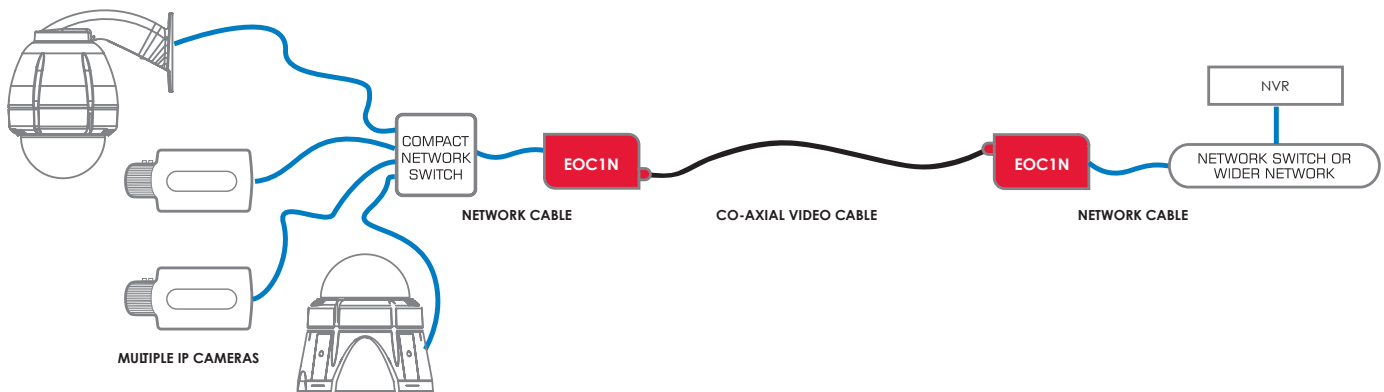
- Run High-speed Ethernet Data over a Coax Video Cable
- High Data Rates: 200Mbps over 800ft of Analog Cable
- Mega-Pixel & Multiple IP Camera Support
- Simple Installation: No Programming Necessary
- Sleek Compact Design: Fits Inside Camera Housings
- Compatible with All IP Network Devices – 100 BaseT, 10BaseT, Full/Half Duplex with Auto Negotiation

APPLICATIONS:

Standard or Mega-Pixel IP Camera with existing Coax Video Cable Application:



Multiple IP Cameras with existing Coax Video Cable Application:

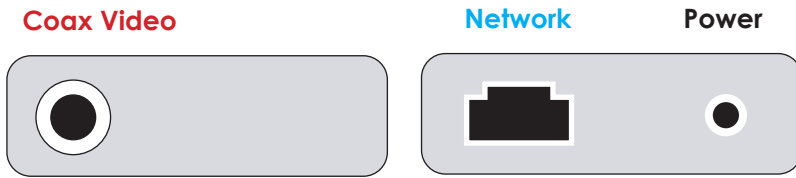


General Network Device with existing Coax Video Cable Application:



IP Ready™ Network Series - EOC1N

EOC1N



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CERTIFICATIONS AND RATINGS
 ROHs, FCC, CE



Optional Videolarm IP Ready™ Products

Compatible with all network IP devices, below is a partial listing of approved Videolarm IP Ready™ products that take your existing surveillance system to the next level. For a complete listing of Videolarm's innovative IP Ready line, please visit www.videolarm.com or contact Customer Service at **(800) 554-1124**.



FDW75
FusionDome
FDW75C2N



SM75
Surface Mount
SM75T2N



PB24L
Wireless Power Box
PB24L24



IP SView™
Rugged Dome
RHW7CN-9

Technical Specifications

Dimensions:	L 4.01" (3.27" excl. conns.) x W 2.13" x H 0.91"
Weight:	4 oz. (110g)

EOC1N Interface

Connector type:	BNC 75ohm
Cable impedance:	75ohm (RG59 or similar)
Cable length max:	Up to 800ft full data rate (or up to 1100ft at a reduced rate)
Data throughput max:	200Mbps (total up + down). Auto-adaptation to cable conditions.

Ethernet Interface

Connector type:	RJ45
Cable type:	Straight through or cross-over, auto detected
Rates supported:	100BaseT / 10BaseT, full/half duplex with auto negotiation

LED Indicators

Green – Constant:	Power OK, Full EOC1N data link
Green – Slow:	Power OK, Auto-adapted EOC1N data link
Green – Blink:	Power OK, no EOC1N link
Green – Off:	No power
Amber – Constant:	Ethernet link On
Amber – Blink:	Network traffic

Power Supply

Connector type:	Screw terminals with detachable plug
Power supply type:	IEC Class II isolated only
Operating voltage:	Nominal 12V DC (9-24V working range) or 24V AC (type and polarity auto detected)
Supply current:	200mA (12V), 100mA (24V)

Environmental Specifications

Operating temp:	14°F to 122°F
Relative humidity:	85% non-condensing
Grounding:	Chassis should be grounded and is connected to the BNC shield.
Compliance:	FCC, CE, RoHS