



The ComNet™ CNFEVCNEOC for Vicon Surveyor Dome Cameras supports high-speed Ethernet transmission over standard 75Ω coaxial cable circuits, at a data rate of 100 Mbps, and transmission distances of up to 305 meters (1000 feet). This in-dome module is the perfect solution for upgrading an existing coaxial cable plant for use with Ethernet, when compared to the significant costs and nuisance of installing new network cabling. The unit is configured to operate in remote mode and is intended to be paired with a compatible Ethernet over coax extender operating in Master mode and in 100Mbps mode. LED indicators confirm the operating status. True plug-and-play design ensures ease of installation and operation, and no adjustments are ever required.

FEATURES

- › Supports transmission distances of up to 305 meters (1000 feet) over standard 75Ω coaxial cable, at symmetric data rates up to 100 Mbps
- › Fully compliant with IEEE 802.3 for Ethernet equipment.
- › 10/100 BASE-TX Ethernet input/output port
- › Full auto-negotiation and automatic MDI/MDI-X crossover
- › User-configurable master/remote selection
- › True plug-and-play operation
- › BNC connector for coaxial cable interface
- › Small-sized package is ideal for those installations where space may be limited
- › Five year warranty
- › Made in the USA

APPLICATIONS

- › 10/100 Mbps Ethernet over Coax
- › In-Dome Ethernet over Coax Module for Vicon Surveyor HD Dome Camera

SPECIFICATIONS

Interface

Ethernet Port	
Connector:	RJ-45
Cable:	CAT5, CAT5-e, CAT6
Data Rate:	10/100 Mbps
Distance:	100m (328ft)
Line Side Port (75Ω Coax)	
Connector:	BNC
Impedance:	75Ω Coax
Maximum Distance	100Mbps throughput up to 305M (1000ft)

Electrical & Mechanical

Power	Supplied from Camera
Current Protection	Automatic Resettable Solid-State Current Limiters
Circuit Board	Meets IPC Standard
Size (LxWxH)	2.9 × 2.8 × 1.5 in., (7.4 × 7.1 × 3.8 cm)
Shipping Weight	<1 lb/0.45 kg

Environmental

MTBF	>100,000 hours
Operating Temp	0° C to +60° C
Storage Temp	-40° C to +85° C
Relative Humidity	0% to 95% (non-condensing) ¹

[1] May be extended to condensation conditions by adding suffix 'C' to model number for conformal coating.

NOTE: In a continuing effort to improve and advance technology, product specifications are subject to change without notice.



ORDERING INFORMATION

Part Number	Description	Media Required	Max Distance
CNFEVCNEOC	Ethernet over Coax for Vicon Surveyor HD Dome Camera	75Ω Coax	100Mbps throughput up to 305m (1000ft)

TYPICAL APPLICATION

