



Model NV-214A-M Video Transceiver



Features:

- ▶ Real time CCTV video at distances up to 225m when used with any NVT Passive Transceiver or hub
- ▶ Up to 1,000m with active receivers
- ▶ Supports "up-the-coax" type control signal up to 225m
- ▶ Mini-coax cable supports in-camera mounting in most dome cameras
- ▶ No power required
- ▶ Exceptional interference rejection
- ▶ Built-in surge protection
- ▶ Male BNC on the NV-214A-M allows connection directly to the camera/DVR
- ▶ Lifetime warranty



The NVT Model NV-214A-M Video Transceiver is a passive (non-amplified) device that allows the transmission of real-time monochrome or colour video over Unshielded Twisted-Pair (UTP) telephone cable. Baseband (composite) signals of any type are supported.

Up-the-coax type signal may be sent over the same cable. Used as a transmitter, the NV-214A-M has a mini-coax lead which allows for in-camera mounting in most dome cameras and greater number of mounting options in general.

The unparalleled interference rejection and low emissions of the Model NV-214A-M allow video signals to co-exist in the same cable bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable plant. With built-in surge protection, damaging voltage spike problems are eliminated.

Network Video Technologies Ltd

NVT House, 99 Waldegrave Road, Teddington, Middlesex TW11 8LA
Tel: +44 (0) 208 977 6614 • Fax: +44 (0) 208 973 1855 • uksales@nvt.com • www.nvt.com



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Technical Specifications

Video

Frequency response	DC to 5 MHz
Attenuation	0.5 dB typ
Common-mode / Differential-mode rejection 50 KHz to 5 MHz	60 dB typ
Impedance	
Coax, male BNC	75 ohms
UTP, Terminal Block	100 ohms

Power

No external power required

Environmental

Temperature	-20 to +75°C
Humidity (non-condensing)	0 to 95%
Transient Immunity	per ANSI / IEEE 587 C62.41

Cable Type

Network Cabling	One Unshielded Twisted Pair 24-16 AWG (0.5-1.31 mm)
Cable Type	CAT5e
Impedance	100 ± 20 ohms
DC Loop Resistance	52 ohms per 300m (18 ohms per 100 m)
Differential Capacitance	19 pF/ft max (62 pF/m max)

Mechanical

Length	10.5 inches (266mm)
Weight	2.1 oz (60 g)

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