

Quality video over ordinary telephone wire...[®]

Model NV-211T-M Video Transmitter



Features:

- ▶ Full-motion CCTV video at distances up to 750ft (225m) when used with any passive NVT transceiver or hub
- ▶ Up to 3,000ft (1 km) with an NVT active receiver or hub
- ▶ Supports "up-the-coax" type control signal up to 750ft (225m)
- ▶ Mini-coax pigtail supports in-camera mounting in most dome cameras
- ▶ No power required
- ▶ Exceptional interference rejection
- ▶ Built-in transient protection
- ▶ Male BNC on the NV-211T-M allows connection directly to the camera
- ▶ Limited lifetime warranty



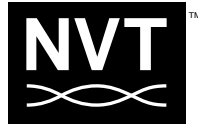
The NVT Model NV-211T-M Video Transmitter is a passive (non-amplified) device that allows the transmission of real-time monochrome or color video over Unshielded Twisted-Pair (UTP) telephone wire. Baseband (composite) signals of any type are supported.

"Up-the-coax" type signal may be sent over the same wire pair. Used as a transmitter, the NV-211T-M has a mini-coax pigtail 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-211T-M allow video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable plant. With built-in transient protection, damaging voltage spike problems are eliminated.

Network Video Technologies

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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

Wire Type

Network Wiring	One Unshielded Twisted Pair 24-16 AWG (0,5-1,31 mm)
Category Type	2 or better
Impedance	100 ± 20 ohms
DC Loop Resistance	52 ohms per 1,000 ft (18 ohms per 100 m)
Differential Capacitance	19 pF/ft max (62 pF/m max)
Wire Length	See chart below

Mechanical

Body Length	2.5 inches (65mm)
Body Diameter	1.0 inches (26mm)
Body Height	0.83 inches (21mm)
Pigtail Length	9 inches (228 mm)
Weight	2.0 oz (60 g)

Specifications subject to change without notice.

Product Selection Chart

Distance	Transmitter Model	Ext. Power Required	Receiver Model	Ext. Power Required	Ground Lifting	Transient Protection	P/T/Z Control
0 to 500ft (0 to 150m)	NV-211T-M Video TransmitterNo or Qualified OEM Camera	No	NV-212A Video Transceiver	No	No	No, not for inter-building use	Yes
0 to 750ft (0 to 225m)	NV-211T-M Video TransmitterNo or NV-213A/A-M Video TransceiverNo or NV-413A 4-Port Passive XcvrNo or NV-813A 8-Port Passive HubNo or NV-1613A 16-Port Passive HubNo or NV-3213A 32-Port Passive HubNo or Qualified OEM Camera	No	NV-213A Video TransceiverNo or NV-413A 4-Port Passive TransceiverNo or NV-813A 8-Port Passive HubNo or NV-1613A 16-Port Passive HubNo or NV-3213A 32-Port Passive HubNo	No	No	Built-in	Yes
0 to 3,000ft** (0 to 1km)	NV-211T-M Video TransmitterNo or NV-213A/A-M Video TransceiverNo or NV-413A 4-Port Passive XcvrNo or NV-813A 8-Port Passive HubNo or NV-1613A 16-Port Passive HubNo or NV-3213A 32-Port Passive HubNo or Qualified OEM Camera	No	NV-652R Video Receiver12-24V AC/DC or NV-452R 4-Port Active Receiver24V AC/DC or NV-862R 8-Port Active Rcvr. Hub (4 outputs/ch.)*Built-in or NV-1662R 16-Port Active Rcvr. Hub (2 outputs/ch.)*Built-in or NV-3262R 32-Port Active Rcvr. Hub *Built-in	No	Yes	Built-in	No, Use RS-422
Cat. 2 or 3 ** 0 to 1 mile 0 to 5,280ft (0 to 1,6 km) or Cat. 5 ** 0 to 1.5 miles 0 to 8,000ft (0 to 2,4 km)	NV-653T Video Transmitter24V AC/DC	No	NV-652R Video Receiver12-24V AC/DC or NV-452R 4-Port Active Receiver24V AC/DC or NV-862R 8-Port Active Rcvr. Hub (4 outputs/ch.)*Built-in or NV-1662R 16-Port Active Rcvr. Hub (2 outputs/ch.)*Built-in or NV-3262R 32-Port Active Rcvr. Hub *Built-in	No	Yes	Built-in	No, Use RS-422

* The NV-862R, NV-1662R and NV-3262R have Screw Terminal inputs, the NV-862J, NV-1662J and NV-3262J have RJ45 inputs. Please see data sheet for more details.

** Video signals traveling in opposite directions may co-exist in the same wire bundle up to 1,000 ft (300m), or 2,000ft (600m) if Cat. 5 or better is used.

The following companies have products which have an integrated NVT UTP CCTV output module: Honeywell, Honeywell-Silent Witness, Bosch, CBC, Extreme CCTV, GE, JVC, Sony, Vicon, & Videolarm

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