

Model NV-653T Video Transmitter



Features:

- Full-motion CCTV video at distances up to 1 mile (1,6km) when used with active NVT receiver or hub
- Exceptional interference rejection
- · Built-in transient protection and ground lifting
- Three-position distance range switch
- Blue power LED, green active LED
- Up to ten NV-653Ts may be rack mounted using the NV-RM8/10 Rack Panel Kit
- · Limited lifetime warranty

The NVT Model NV-653T Video Transmitter is an active (amplified) device that allows the transmission of real-time monochrome or color video on up to one mile (1,6km) using Category-2 or 3 Unshielded Twisted-Pair (UTP) telephone wire.

The unparalleled interference rejection and low emissions of the Model NV-653T allows long run video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of shared or existing cable plant. Ground-lifting ensures no annoying "hum-bars" when ground potential differences exist. With built-in transient protection, damaging voltage spike problems are eliminated.



Model NV-653T

Video Transmitter

Technical Specifications

VIDEO

Frequency response DC to 10 MHz
3-Position adjustable distance switch
Common-mode / Differential-mode rejection
15 KHz to 5 MHz 60 dB typ
Impedance

Coax, female BNC 75 ohms
UTP, Screw terminal block 100 ohms

LED INDICATORS

Blue "Power-On"; Green "Active" signal present

WIRE TYPE

Network Wiring
One Unshielded Twisted Pair
24-16 AWG (0,5-1,31mm)
Category Type
Impedance
DC Loop Resistance
DC Loop Resistance
Differential Capacitance
Differential Capacitance
Dne Unshielded Twisted Pair
24-16 AWG (0,5-1,31mm)
100 better
100 better
100 better
100 better
110 better
120 better
120 better
130 better
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POWER

24VAC / DC (transformer not included) 250 mA max May share 24VAC power with camera, providing supply is floating

ENVIRONMENTAL

MECHANICAL

Dimensions, excluding brackets and connectors

3.00 x 1.54 x 1.10in (76 x 39 x 28mm)
Packaged weight
Material
Mounting

3.00 x 1.54 x 1.10in (76 x 39 x 28mm)
4.00z (100g)
Black ABS
Two 0.175 in (4,4mm) diameter holes
2.5in (63,5mm) apart

Up to ten NV-653Ts can be mounted to an NV-RM 8/10

Rackmount Panel

Specifications subject to change without notice.

Typical Application

Active to Active Application up to 1 mile (1,6km)

