



## **Model NV-652R**

### **Video Receiver**



#### **Features:**

- Full-motion CCTV video at distances up to 3,000ft (1km) when used with any passive NVT transceiver; 1 mile (1,6km) when used with NV-653T transmitter
- Exceptional interference rejection
- Built-in transient protection and ground lifting
- Built-in brightness and sharpness controls; blue power LED, green active LED
- Compatible with qualified UTP cameras
- Up to ten NV-652Rs may be rack mounted using the NV-RM8/10 rack panel kit
- Best choice for DVR and high resolution applications over 750ft (225m)
- Limited lifetime warranty

The NVT Model NV-652R Video Receiver is an active (amplified) device that allows the transmission of real-time monochrome or color video on up to 1 mile (1,6km) using Category Unshielded Twisted-Pair (UTP) telephone wire.

The unparalleled interference rejection and low emissions of the Model NV-652R allow 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. The built-in sharpness and brightness controls compensate for cable loss.

#### **Network Video Technologies**

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## Model NV-652R

### Video Receiver

#### Technical Specifications

##### VIDEO

Frequency response	DC to 5 MHz
Adjustable brightness and sharpness controls	
Common-mode / Differential-mode rejection	60 dB typ
15 KHz to 5 MHz	
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	2 or better
Impedance	100 $\pm$ 20 ohms
DC Loop Resistance	52 ohms per 1,000ft (18 ohms per 100m)
Differential Capacitance	19 pF/ft max (62 pF/m max)

##### POWER

12 - 24VAC / DC (transformer not included) 100 mA max  
One floating power supply may power multiple NV-652R Receivers

##### ENVIRONMENTAL

Ambient temperature	+32 to +122°F (0 to +50 °C)
Humidity (non-condensing)	0 to 95%
Transient Immunity	per ANSI / IEEE 587 C62.41

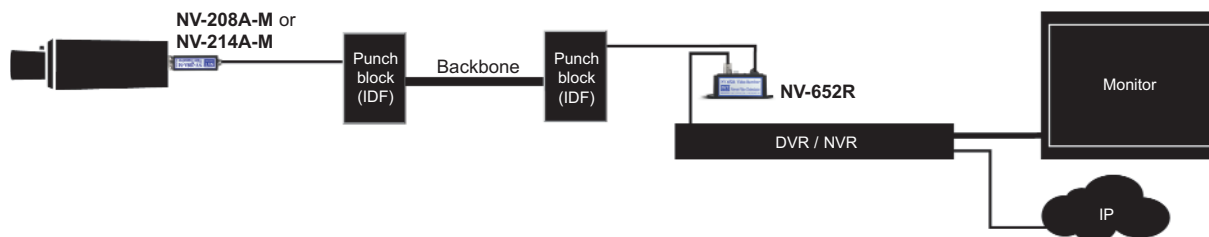
##### MECHANICAL

Dimensions, excluding brackets and connectors	3.00 x 1.54 x 1.10in (76 x 39 x 28mm)
Weight	4.0oz (100g)
Material	Black ABS
Mounting	Two 0.175 in (4,4mm) diameter holes 2.5in (63,5mm) apart
Up to ten NV-652Rs can be mounted to an NV-RM 8/10 Rackmount Panel	

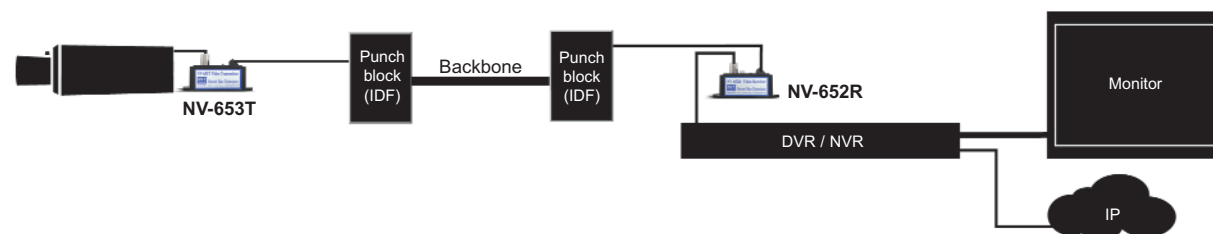
Specifications subject to change without notice.

#### Typical Application

##### Passive to Active Application up to 3,000ft (1km)



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



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