



Model NV-3262R & NV-3262J Video Receiver Hubs



(NV-3262R Front)



(NV-3262R Rear)

Features:

- ▶ Full-motion CCTV video at distances up to 1,000m when used with any passive NVT transceiver or hub, 1,600m when used with NV-653T active transmitter CAT5e or better
- ▶ Available with screw terminal (NV-3262R) or RJ-45 (NV-3262J) inputs
- ▶ High-Density 19" 1U high enclosure
- ▶ Compatible with qualified UTP cameras
- ▶ Built-in transient protection & ground lifting
- ▶ Built-in sharpness and brightness controls; Green Active LED for each port
- ▶ Includes 32 2-foot (60cm) coax jumper cables & rackmount hardware
- ▶ Limited lifetime warranty



The NVT Models NV-3262R and NV-3262J are 32-port active (amplified) devices that allow the transmission of real-time monochrome or colour video on up to one mile (1,6km) using Category-5 Unshielded Twisted-Pair (UTP). The NV-3262R has screw terminal video inputs and the NV-3262J has RJ-45 video inputs.

The unparalleled interference rejection and low emissions allow long run video signals to co-exist in the same cable 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. Perfect for larger CCTV installations where port density and camera number growth are prevalent.

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Model NV-3262R & NV-3262J Video Receiver Hubs

Technical Specifications

Video

Frequency response	DC to 5 MHz
Common-mode / Differential-mode rejection	
15 KHz to 5 MHz	60 dB typ
Impedance	
Coax, female BNC	75 ohms
UTP, Screw Terminal Block or RJ45	100 ohms



1-16	Ch. 1, 5, 9, 13, 17, 21, 25 or 29	17-32	Ch. 2, 6, 10, 14, 18, 22, 26 or 30
1-16	Ch. 3, 7, 11, 15, 19, 23, 27 or 31		
1-16	Ch. 4, 8, 12, 16, 20, 24, 28 or 32		

Wire Type

Network Wiring	One Unshielded Twisted Pair 24 - 16 AWG (0.5-1.31mm)
Category Type	2 or better
Impedance	100 ± 20 ohms
DC Loop Resistance (24AWG)	52 ohms per 1,000 ft (18 ohms per 100 m)
Differential Capacitance	19 pF/ft max (62 pF/m max)

Environmental

Temperature	0 to +50 °C
Humidity (non-condensing)	0 to 95%
Transient Immunity	6,000 V 1.2µS x 50 µS per ANSI / IEEE 587 C62.41 B3 3,000 A 8µS x 20 µS when ground is bonded to earth-ground

Power

NV-3262R (J) 115/230V, built-in, 50/60Hz 315mA

Mechanical

Dimensions, excluding brackets and connectors

Weight	NV-3262R 8.0lb (3,6kg)	NV-3262J 8.0lb (3,6kg)
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Dimensions 17in wide, 1.7in high, 8.125in deep
43cm wide, 4.5cm high, 20cm deep

Accessories

(included)
Mounting Rack mount "L" brackets for front, rear, or wall installations; rubber feet for desk applications

Cables NV-3262R(J) Thirty-two 2 ft (60cm) coax jumpers

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 150m	NV-211T-M Video TransmitterNo or Qualified OEM Camera	No	NV-212A Video TransceiverNo	No	No	No, not for inter-building use	Yes
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	12-24V AC/DC 24V AC/DC	Yes	Built-in	No, Use RS-422
0 to 1 mile CAT5e**	NV-653T Video Transmitter24V AC/DC	24V AC/DC	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	12-24V AC/DC 24V AC/DC	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 RJ-45 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 CAT5e 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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