



Model NV-3213 Video Transceiver Hub



(Front)



(Rear)



Features:

- ▶ Use with any NVT passive transceiver or hub as a rack-mountable passive transceiver at distances up to 750ft (225m)
- ▶ Use with any NVT active receiver or hub as a rack-mountable passive transmitter for distances up to 3,000ft (1km)
- ▶ High-Density 19" 1U high enclosure features 32 ports
- ▶ RJ45 video input with optional NV-RJ45A RJ45 to screw terminal adaptors included
- ▶ No power required
- ▶ Built-in transient protection
- ▶ Supports "up-the coax" type control signal up to 750ft (225m)
- ▶ Includes 32 2ft (60cm) coax jumper cables & rackmount hardware
- ▶ Limited lifetime warranty

The NVT Model NV-3213 is a 32 port passive transceiver hub that allow 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 at distances up to 750ft (225m).

The unparalleled interference rejection ability of the Model NV-3213 Hub allows video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. Perfect for larger CCTV installations where port density and camera number growth are prevalent.

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	
15 KHz to 5 MHz	60 dB typ
Impedance	
Coax, female BNC	75 ohms
UTP, Screw Terminal Block or RJ45	100 ohms



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

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 (24AWG)	52 ohms per 1,000 ft (18 ohms per 100 m)
Differential Capacitance	19 pF/ft max (62 pF/m max)

Environmental

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

Power

No external power required

Mechanical

Dimensions, excluding brackets and connectors

Weight	6.6lb (3,0kg)
Dimensions	17in wide, 1.7in high, 8.125in deep 43cm wide, 4,5cm high, 20cm deep

Accessories

Mounting	(included) Rack mount "L" brackets for front, rear, or wall installations; rubber feet for desk applications
Cables	Thirty-two 2ft (60cm) coax jumpers and one 7ft (2m) ground wire
Adaptors	Includes eight NV-RJ45A RJ45 to screw-terminal adaptors

Specifications subject to change without notice.

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