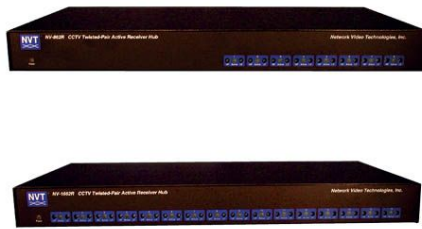




NV-862R / NV-1662R Video Receiver Hubs



The NV-862R (8-port) and NV-1662R (16-port) video receiver hubs are active (amplified) devices that allow the transmission of real-time monochrome or color video up to 1 km (3000 ft) when used with NV-213AP transceivers. These hubs are perfect for large, growing CCTV installations.

Functions

The exceptional interference rejection and low emissions allow video signals to coexist in the same wire bundles as telephone, data communication, or low-voltage power circuits. Ground lifting assures no "hum-bars" when ground potential differences exist. Damaging voltage spike problems are eliminated by the built-in transient protection.

- ▶ Full-motion monochrome or color video
- ▶ Transmit up to 1 km (3000 ft) with NV-213AP transceivers and UTP cable
- ▶ High-density 48 cm (19 in.) high enclosure
- ▶ Exceptional interference rejection
- ▶ Built-in transient protection and ground lifting
- ▶ Sharpness and brightness controls
- ▶ Active LED for each port
- ▶ Coax jumper cables and rack mounting hardware included

Technical Specifications

	NV-862R	NV-1662R
Input Voltage (Transformer and Terminal Block Included)	24 VAC/VDC	24 VAC/VDC
Current Draw (max.)	800 mA	800 mA
Frequency Response	DC to 5 MHz	DC to 5 MHz
Common-mode/ Differential-mode rejection (15 kHz to 5 MHz)	60 dB (typical)	60 dB (typical)
Impedance (Coax, Female BNC)	75 Ohm	75 Ohm
Impedance (UTP, Terminal Block)	100 Ohm	100 Ohm
Network Wiring	One unshielded twisted-pair, 24 AWG (0.5 mm) or thicker	One unshielded twisted-pair, 24 AWG (0.5 mm) or thicker
Category Type	2 or better	2 or better
Impedance	100 ± 20 Ohm	100 ± 20 Ohm
DC Loop Resistance	18 Ohm per 100 m (52 Ohm per 1000'ft)	18 Ohm per 100 m (52 Ohm per 1000'ft)
Differential Capacitance (max.)	62 pF/m (19 pF/ft)	62 pF/m (19 pF/ft)
Wire Length (max.), with UTP cable and NV-213A transceiver	1 km (3000 ft)	1 km (3000 ft)

Ports	8	16
Weight	2.2 kg (4.85 lb)	2.2 kg (4.85 lb)
Dimensions (excluding connectors and brackets) (H x W x D)	4.5 x 43 x 20 cm (1.8 x 16.9 x 7.9 in.)	4.5 x 43 x 20 cm (1.8 x 16.9 x 7.9 in.)
Transient Immunity	6000 V; 1.2 µS x 50 µS	6000 V; 1.2 µS x 50 µS
Per ANSI C62.41 B3/IEEE 587	3000 V; 8 µS x 20 µS	3000 V; 8 µS x 20 µS
Temperature	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)
Relative Humidity	<95% non-condensing	<95% non-condensing

Ordering Information

NV-862RP Video Receiver Hub UTP-NVT 8 channel, active hub	899680052241
NV-1662RP Video Receiver Hub UTP-NVT 16 channel, active hub	899780052251

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