



Model NV-862

Active Receiver Distribution Amplifier Hubs



(Front)



(Rear)

Features:

- ▶ Full-motion CCTV video at distances up to 3,000ft (1 km) when used with any passive NVT transceiver or hub, 5,280ft/1 mile (1,6km) when used with NV-653T active transmitter and Category UTP wire
- ▶ 8-channel hubs feature four outputs/channel
- ▶ Supports screw-terminal or RJ45 UTP video inputs (NV-RJ45A)
- ▶ High-Density 19" 1U high enclosure
- ▶ Compatible with qualified UTP cameras
- ▶ Built-in transient protection and ground lifting
- ▶ Built-in sharpness and brightness controls; Green Active LED for each port
- ▶ Includes 2ft (60cm) coax jumper cables and rackmount hardware
- ▶ Limited lifetime warranty

The NVT Model NV-862 is an 8-channel active (amplified) distribution amplifier device that allows the transmission of real-time monochrome or color video on up to one mile (1,6km) using Category Unshielded Twisted-Pair (UTP) wire.

The 8 channel distribution amplifier hub features quadruple outputs for large high-density applications. 1U rack-mountable active receiver distribution amplifier hubs provide signal conditioning in the form of ground-lifting, distance EQ, and transient protection.

The unparalleled interference rejection and low emissions 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. Perfect for larger CCTV installations where port density and camera number growth are prevalent.

Network Video Technologies

4005 Bohannon Drive • Menlo Park, CA • 94025 • USA
(+1) 650.462.8100 • 800.959.9870 • FAX (+1) 650.326.1940
nvt.com • info@nvt.com



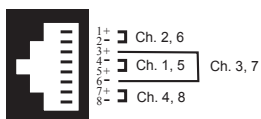
Model NV-862

Active Receiver Distribution Amplifier 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



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	per ANSI / IEEE 587 C62.41

Power

115/230V, built-in, 50/60Hz 160 mA

Mechanical

Dimensions, excluding brackets and connectors

Weight 4.8lb (2,2kg)

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	Eight 2ft (60cm) coax jumpers
NV-RJ45A	Two Male RJ45-to-Screw Terminals

Specifications subject to change without notice.

Network Video Technologies

4005 Bohannon Drive • Menlo Park, CA • 94025 • USA
(+1) 650.462.8100 • 800.959.9870 • FAX (+1) 650.326.1940
nvt.com • info@nvt.com

Copyright © 2007 NVT, Inc.

411-862-1-M