

NEW!



Model NV-442

4-Channel StubEQ™ Active Receiver Hub

AVAILABLE SEPTEMBER 2010



RJ45A Adaptor
Included

Features:

- Adaptive StubEQ™ fully automatic 2-band equalisation provides adjustment-free video equalisation every time
- Full motion CCTV video at distances up to 460m (1,500ft) when used with any passive NVT transceiver or hub; 600m (2,000ft) when used with the NV-653T active transmitter
- RJ45 connectivity with optional NV-RJ45A RJ45-to-screw-terminal adaptor (included)
- Exceptional interference rejection
- Built-in transient protection and ground-lifting
- Compatible with qualified UTP cameras
- Limited lifetime warranty

Employing NVT's latest generation StubEQ™ technology, the NV-442 is an 4-channel active (amplified) hub that allows the transmission of full-motion monochrome or colour video for distances up to 600m (2,000ft) using Category wire. The receiver hub continuously and automatically conditions the video signal, compensating for cable attenuation, ground loops, and voltage transients, independent of video signal content.

The unparalleled interference rejection and low emissions allow long run video 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 spikes are eliminated.

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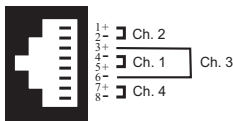
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Technical Specifications

VIDEO

Frequency response	DC to 10 MHz
Equalization	0.5 dB typ
Automatic (no adjustment)	0 to 1,500ft (0 to 460m)
for NTSC or PAL standards	
Common-mode / Differential-mode rejection	60 dB typ
15 KHz to 5 MHz	
Impedance	
Coax, female BNC	75 ohms
UTP, Screw terminal block or RJ45	100 ohms



Outputs: female BNC

WIRE TYPE

Unshielded Twisted Pair	0.5-1,31mm 24-16 AWG (0 to 1,500ft)
Category Type	2 or better
Impedance	100 ± 20 ohms
DC Loop Resistance	18 ohms per 100m (52 ohms per 1,000ft)
Differential Capacitance	62 pF/m max (19 pF/ft max)

LEDs

Power: Blue=OK Red=Fault

POWER INPUT

External 12VDC 1 Amp regulated power module with IEC380-8 inlet and molded power cord (included)

Voltage	115 / 230VAC
Current	125mA / 60mA
Wattage	15 Watts 50 BTU/Hour
Frequency	50 / 60 Hz

ENVIRONMENTAL

Ambient temperature	0 to +50 °C (+32 to +122°F)
Minimum airflow	0,1m ³ /min (4 ft ³ /min)
Humidity (non-condensing)	0 to 95%
Transient Immunity	per ANSI / IEEE 587 C62.41

MECHANICAL

Dimensions, excluding brackets and connectors	
Dimensions	4.5cm wide, 4.5cm high, 4.8cm deep 9.65in wide, 1.7in high, 1.9in deep
Product Weight	0.41kg (0.9lbs)
Packaged Weight	0.09kg (2.13lbs)

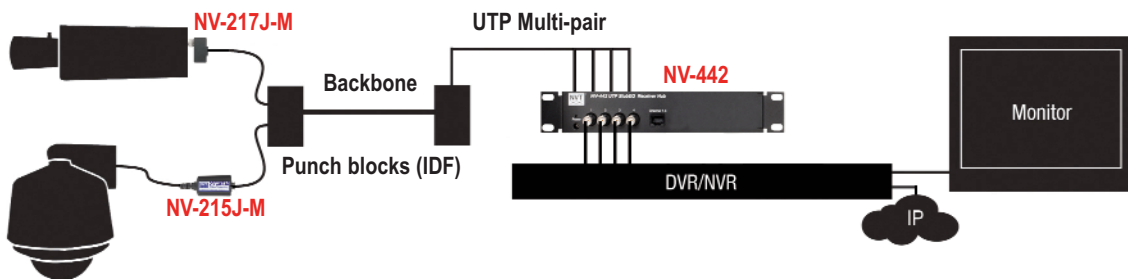
ACCESSORIES (Included)

Mounting	"L" brackets for front, rear, or wall installations
NV-RJ45A	One NV-RJ45A RJ45-to-screw-terminal adapter

Specifications subject to change without notice.

Typical Applications

Passive to Active Application up to 460m (1,500ft)



Active to Active Application up to 600m (2,000ft)

