



## Model NV-3213S

**32-Channel Video Transceiver Hub** (AVAILABLE SUMMER, 2008)



RJ45A Adaptors  
Included

### Features:

- Compact rack mountable 19" 1U high enclosure features 32 channels and only 1.54" (40mm) deep
- Use with any NVT passive transceiver or hub for full motion CCTV at distances up to 750ft (225m)
- Use with any NVT DigitalEQ™ Hub or active receiver as a rack-mountable passive transmitter for distances up to 3,000ft (1km)
- Use with any NVT StubEQ™ for distances up to 1,500ft (460m)
- RJ45 video connectivity with optional NV-RJ45A RJ45-to-screw terminal adaptors (included)
- No power required
- Exceptional interference rejection
- Built-in transient protection
- Supports "up-the coax" type control signal up to 750ft (225m)
- Compatible with qualified UTP cameras
- Limited lifetime warranty

The NVT Model NV-3213S is a compact 32-channel passive transceiver hub that allows 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-3213S 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. With built-in transient protection, damaging voltage spike problems are eliminated.

### 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-3213S

## 32-Channel Video Transceiver Hub

### Technical Specifications

#### VIDEO

Frequency response	DC to 5 MHz
Attenuation	0.5 dB typ
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



- Ch. 2, 6, 10, 14, 18, 22, 26, or 30
- Ch. 1, 5, 9, 13, 17, 21, 25, or 29
- Ch. 3, 7, 11, 15, 19, 23, 27, or 31
- 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	52 ohms per 1,000ft (18 ohms per 100m)
Differential Capacitance	19 pF/ft max (62 pF/m max)

#### POWER

No external power required

#### ENVIRONMENTAL

Ambient temperature	-22 to +167°F (-20 to +75 °C)
Humidity (non-condensing)	0 to 95%
Transient Immunity	per ANSI / IEEE 587 C62.41

#### MECHANICAL

Dimensions, excluding brackets and connectors	
Weight	2.2lb (1kg)
Dimensions	19in wide, 1.7in high, 1.8in deep 43cm wide, 4,3cm high, 40mm deep
Mounting	
Rack or wall mount	

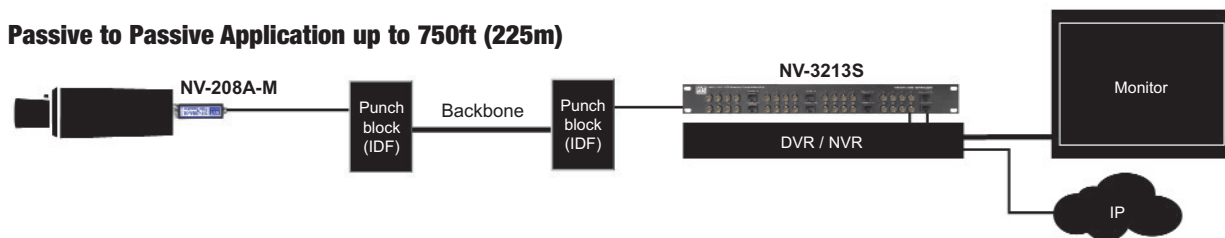
#### ACCESSORIES (included)

- Eight NV-RJ45A RJ45 to screw terminal adaptors
- Rack mounting screws and screw driver

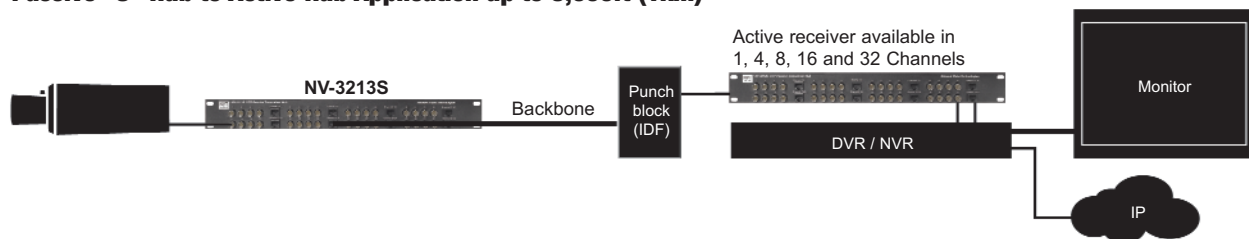
Specifications subject to change without notice.

### Typical Applications

#### Passive to Passive Application up to 750ft (225m)



#### Passive "S" Hub to Active Hub Application up to 3,000ft (1km)



### 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