

NEW!



Model NV-1613S 16-Channel Video Transceiver Hub



RJ45A Adaptors
Included

Features:

- Compact rack mountable 19" 1U high enclosure features 16-channels and is 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 active receiver or hub as a rack-mountable passive transmitter for distances up to 3,000ft (1km)
- 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-1613S is a compact 16-channel passive transceiver hub that allows transmission of real-time monochrome or color video over Unshielded Twisted-Pair (UTP) cable. 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-1613S 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

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Model NV-1613S

16-Channel Video Transceiver Hub

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 |



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 (-30 to +75 °C) |
| Humidity (non-condensing) | 0 to 95% |
| Transient Immunity | per ANSI / IEEE 587 C62.41 |

MECHANICAL

| | |
|---|--|
| Dimensions, excluding brackets and connectors | |
| Weight | 1.2lb (.55kg) |
| Dimensions | 19in wide, 1.7in high, 1.54in deep 43cm wide, 4.3cm high, 40mm deep |
| Mounting | |
| | Rack or wall mount |

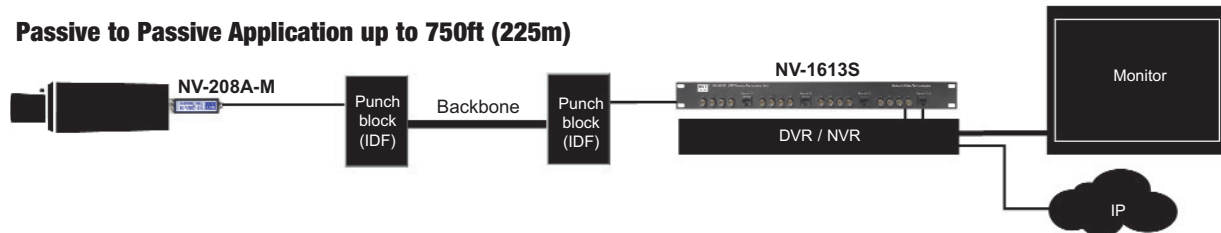
ACCESSORIES (included)

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

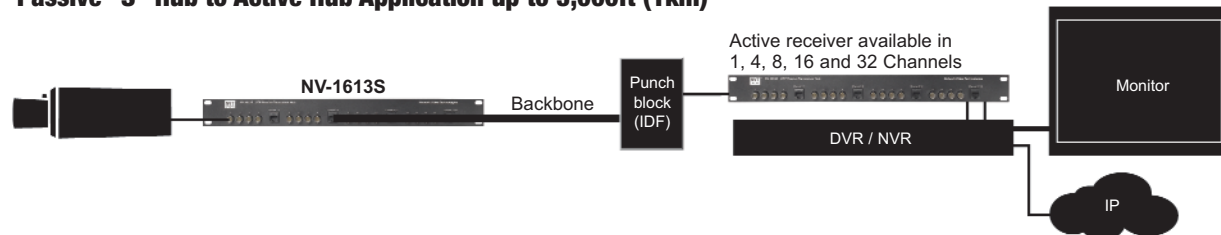
Specifications subject to change without notice.

Typical Applications

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



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



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