



Model NV-208A-M Video Transceiver



Features:

- Full-motion CCTV video at distances up to 750ft (225m) when used with any passive NVT transceiver or hub
- Up to 3,000 feet (1,000m) with a DigitalEQ™ Hub or active receiver
- Up to 1,500 feet (460m) shall be supported by any NVT StubEQ™ Hub
- Frequency response DC to 10MHz (see Resolution Distance Chart)
- Male BNC allows connection directly to the camera or DVR
- Reliable Screwless UTP terminal connection
- No power required
- Exceptional interference rejection
- Built-in transient protection
- Supports “up-the-coax” type control signal up to 750ft (225m)
- Limited lifetime warranty

The NVT Model NV-208A-M Video Transceiver is a passive (non-amplified) device that allows the transmission of real-time monochrome or color video over Unshielded Twisted-Pair (UTP) telephone wire. Baseband (composite) signals of any type are supported.

An improvement over NVT's popular NV-213A video transceiver, the passive NV-208A-M features a Screwless UTP terminal block and Male BNC allowing connection directly to the camera or DVR. It is capable of delivering a fully equalized signal to the DVR when used with any Active NVT Receiver, yet is compatible with all of NVT's passive products for applications under 750ft (225m). The NV-208A-M Video Transceiver also incorporates improved transient protection that eliminates the need for a ground screw.

The unparalleled interference rejection and low emissions of the NV-208A-M allow video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable plant.

Network Video Technologies

4005 Bohannon Drive • Menlo Park, CA 94025 • USA
(+1) 650.462.8100 • FAX (+1) 650.326.1940
nvt.com • www.nvt.com/email

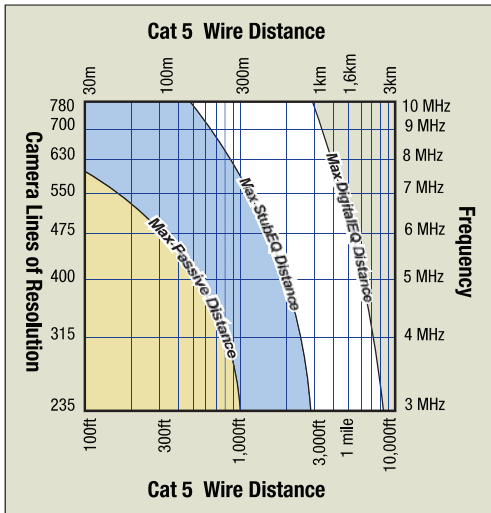


Model NV-208A-M

Video Transceiver

Technical Specifications

VIDEO DISTANCE RECOMMENDATIONS



VIDEO

| | |
|---|--------------|
| Frequency response | DC to 10 MHz |
| Attenuation | 0.5 dB typ |
| Common-mode / Differential-mode rejection | |
| 15 KHz to 5 MHz | 60 dB typ |
| Impedance | |
| Coax, male BNC | 75 ohms |
| UTP, Screwless terminal block | 100 ohms |

POWER

No external power required

ENVIRONMENTAL

| | |
|-----------------------------|--------------------------------|
| Ambient ambient temperature | -22 to +167 °F (-30 to +75 °C) |
| Humidity (non-condensing) | 0 to 95% |
| Transient Immunity | per ANSI / IEEE 587 C62.41 |

WIRE TYPE

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

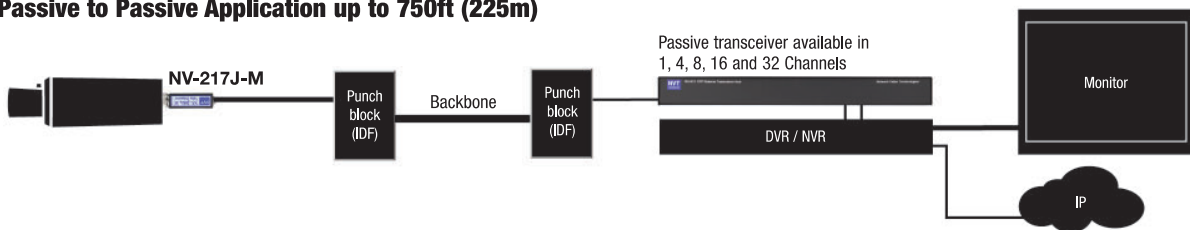
MECHANICAL

| | |
|-----------------|----------------|
| Body Length | 1.7in (43mm) |
| Body Height | 0.8in (21mm) |
| Body Width | 0.6in (14,5mm) |
| Product Weight | 1.1oz (34g) |
| Packaged Weight | 0.1lb (45g) |

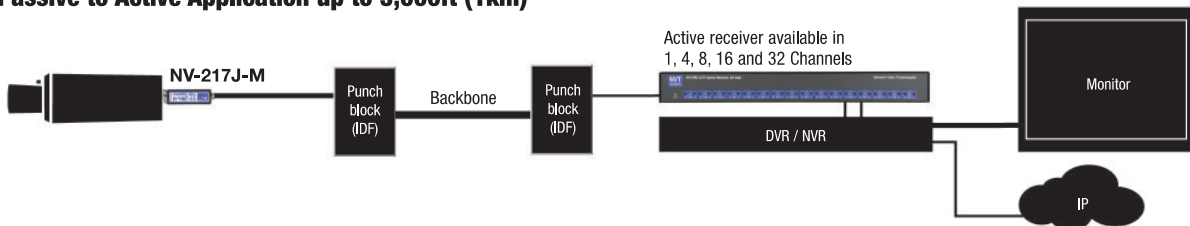
Specifications subject to change without notice.

Typical Applications

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



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



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