



## Model NV-3272 DigitalEQ™ Active Receiver



(Front)



(Rear)



### Features:

- ▶ **32-channel DigitalEQ™ Active Receiver Distribution Amplifier Hub**
- ▶ **Per channel fully automatic digital signal distance equalization**
- ▶ **Full motion CCTV video at distances up to 3,000ft (1km) when used with any passive NVT transceiver or hub**
- ▶ **1 mile (1,6km) when used with NV-653T active transmitter and Cat-2 or Cat-3 wire passive NVT transceiver or hub**
- ▶ **1.5 miles (2,4km) NTSC when used with NV-653T active transmitter and Cat-5 or better**
- ▶ **One video output per 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**
- ▶ **Includes thirty-two 2-foot (60cm) coax jumper cables, rack mount hardware and eight NV-RJ45A adaptors**

The NV-3272 is a 32-channel active (amplified) hub that allows the transmission of real-time monochrome or color video for distances up to one mile (1,6km) using Category-2 or 3 Unshielded Twisted-Pair (UTP) wire, or up to 1.5 miles (2,4km) NTSC using Category-5 or better. The Receiver hub continuously and automatically compensates for cable attenuation, ground-loops, and wiring polarity, independent of video signal image. The 1U high hub is equipped with multi-stage transient protection and carries a limited lifetime warranty.

### Network Video Technologies

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# Model NV-3272

## DigitalEQ™ Active Receiver Hub

### Technical Specifications

#### Video

Frequency response	DC to 5 MHz	
Equalization	Automatic (no adjustment) 0 to 3000 ft (0 to 1 Km) for NTSC or PAL standards Automatic polarity detection and control	
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

#### Connectors

Inputs: RJ45 with screw-terminal adaptor accessory



1	Ch. 2, 6, 10, 14, 18, 22, 26 or 30	Ch. 3, 7, 11, 15,
2	Ch. 1, 5, 9, 13, 17, 21, 25 or 29	19, 23, 27 or 31
3		
4		
5		
6		
7		
8	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 (24AWG)	52 ohms per 1,000 ft (18 ohms per 100 m)	
Differential Capacitance	19 pF/ft max (62 pF/m max)	

#### LEDs

Power on	Blue LED
Per-channel status	Off = no signal detected Green = valid video signal Amber = marginal signal detected Red = faulty signal detected

#### Environmental

Temperature	0 to +50°C
Humidity (non-condensing)	0 to 95%
Transient Immunity	per ANSI / IEEE 587 C62.41

#### Power

IEC380 power inlet		
	115 / 230V	50 / 60Hz 315mA
	18 / 37 Watts	63 / 125 BTU/hour

#### Mechanical

Dimensions, excluding brackets and connectors		
Weight	NV-3272	8.0lb (3,6kg)
Dimensions	17 in wide, 1.7 in high, 8.125 in deep 43 cm wide, 4,5 cm high, 20 cm deep	

#### Accessories

(included)		
Mounting	Rack mount "L" brackets for front, rear, or wall installations; rubber feet for desk applications	
Adaptors		
NV-RJ45A	Eight Male RJ45-to-Screw Terminals	
Cables		
IEC power cord	7 ft (215 cm)	
	Thirty-Two 2 ft (60 cm) coax jumpers	

Specifications subject to change without notice.