VB31AT

NITEK®
Security Transmission Solutions

Analog Video Transmission

Single UTP Products Video Balun Combiner for Twisted Pair

Features

- Works with any HD TVI/CVI/AHD or NTSC and PAL
- Superior video over ordinary twisted pair cable
- Immunity to noise and interference
- Built-in surge suppression
- Passive devices—do not require power
- Convenient connection to Category cable for video and power

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c UL E325724 US LISTED I.T.E.
IEC/UL 60950-1

RoHS Compliant 2002/95/EC

MADE IN U. S. A.

CE

Patent Pending USA
Euro Pat App 2779641

NITEK CERTIFIED DISTRIBUTOR

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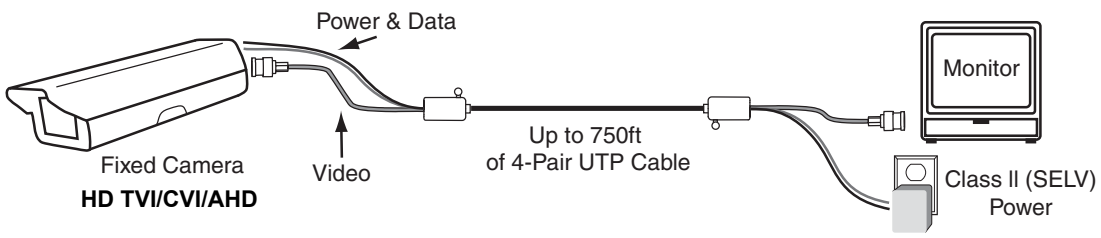
Technical Specifications

Combiner Unit

Dimensions:	0.9" H x 1.0" W x 2.0" D
Power Pass Through:	250mA @ 1,000 feet on 24 AWG 1 Amp @ 100 feet on 24 AWG
Input:	1 Vpp composite video Monochrome or Color
Output:	Balanced low voltage current loop
Modular Jack:	Standard RJ45

System (2 combiners required)

Video Format:	PAL, SECAM, NTSC, RS170, CCIR (Color or B/W)
Video Input:	1 Vpp composite video Monochrome or Color
Wire Size:	26 to 18 AWG twisted pair
DC Voltage Input:	51 Ohms/1,000 ft (max)
Normal Capacitance:	17pF/ft
Impedance:	100 Ohms +/- 20%
Category:	2 or better
Common Mode Rejection:	>60dB
Transient Immunity:	Built-in
Operating Frequency:	DC to 40 MHz
Operating Temparture:	-10°C to +85°C
Humidity:	0 to 98%, non-condensing
Twisted Pair Connection:	Screw terminals

Common Installation