


Installation Instructions

VB41x8 Card

NITEK®

Note: This installation should be made by a qualified service person and conform with local codes.

5410 Newport Drive, Suite 24
Rolling Meadows, IL 60008
PHONE (847) 259-8900
FAX (847) 259-1300
Internet: www.nitek.net

 Reduce risk of fire or electrical shock. Do not expose this product to rain or moisture.

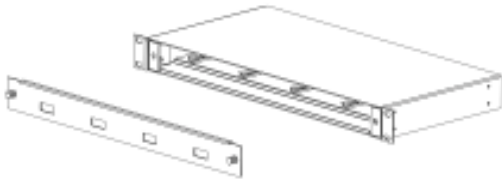
Specifications

Power Requirements: Power is supplied by VH3200 and is only needed if video detection is used

UTP Wire Length: 1000 feet for standard video
750 feet when used with a DVR

The VB41x8 Card is designed for use in the VH3200 UTP Modular Hub. It can be used as a transmitter or a receiver card. It provides built-in video detection. If the video detection is not needed the VB41x8 can be operated as a no power passive device and the VH3200 would not need to be powered.

To install the VB41x8, remove the front panel of the VH3200 Modular Hub by pulling on the two front panel knobs. Insert the card into any open slot. Replace the front cover and press the knob in to lock it in place. The VB41x8 requires no setting or adjusting. Make UTP and coax connections to the rear of the VH3200.



Remove front panel



Install cards

Determining Cable Length

Check the twisted pair for continuity. Do this by shorting the pair of wires at one end and use an ohm meter to check the resistance at the other end. Use the chart below to determine the length of your wires for a measured resistance. Also, use the multimeter to test the line and make sure there is no voltage on it. Testing each line and recording the length for each camera run can greatly reduce installation time. For distances greater than 1,000 feet, different receiver units are recommended. Contact NITEK for specific model numbers.

WIRE GAGE	DISTANCE IN FEET (METERS)						
	500 (152)	1,000 (304)	2,000 (610)	3,000 (914)	4,000 (1219)	5,000 (1524)	6,000 (1829)
22	16	32	64	97	129	161	194
24	26	51	103	154	205	257	308
26	41	82	163	245	326	408	490