

Model VB41x8

Video Receiver Card

Installation and Operation Manual

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



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

Specifications

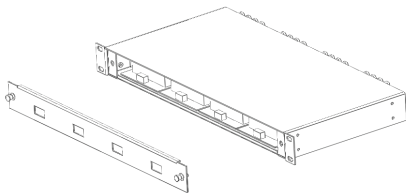
Power Requirements: Power is supplied by the VH3200 and is only needed if video detection is used

UTP Wire Length: 1,000 feet for standard video
750 feet when used with a DVR

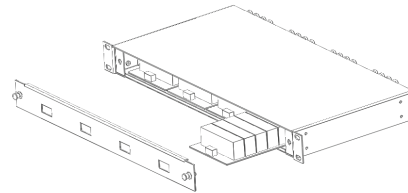
Installation

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 knobs in to lock them 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 a 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 (150)	1000 (300)	2000 (600)	3000 (900)	4000 (1200)	5000 (1500)	6000 (1800)
22	16	32	64	97	129	161	194
24	26	51	103	154	205	257	308
26	41	82	163	245	326	408	490

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