


# Installation Instructions VH456 4 Channel Hub

# NITEK®

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

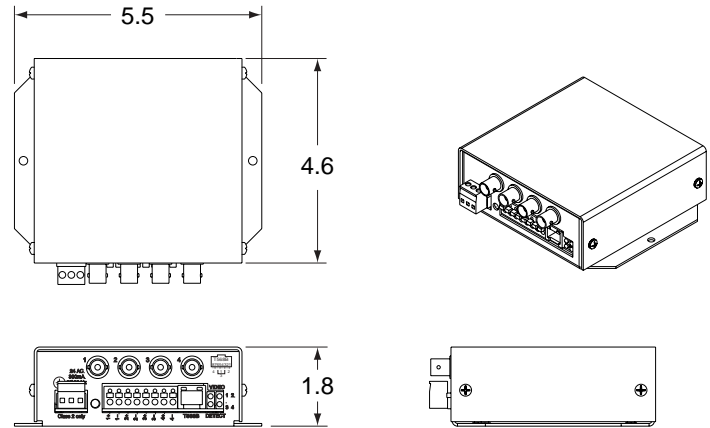
 Reduce risk of fire or electrical shock do not expose this product to rain or moisture.

## Specifications

**VH456** System includes the following:  
(1) VH456 Hub  
(1) Wall power transformer

**Size** 1.8"H x 5.5"W x 4.6"D  
**Power Requirements** 24VAC @350mA  
**Input** UTP video  
**Output-Video** 1.0 vpp comp. video  
Monochrome or Color

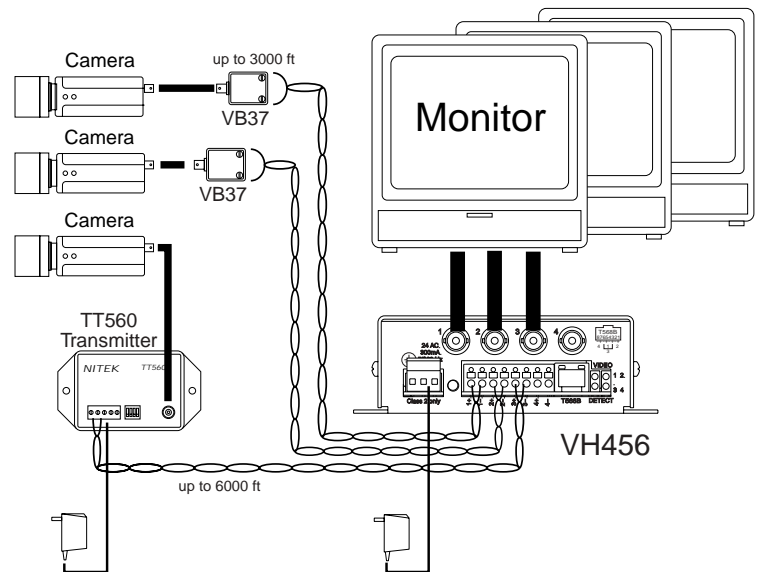
## VH456 Dimentional Diagram



## VH456 common hookup diagram

## Introduction

This sheet is designed to cover the VH456 receiver hub. The VH456 receiver can be hooked up to several different Nitek UTP transmitter units depending on the transmission distance you need to go. The two main types are, the passive transmitter and the active transmitter. The passive transmitter requires no power and can provide video up to 3000 feet. Active transmitters can provide video up to 6000 feet. For longer distances consult Nitek for other available systems.



## 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 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 3,000 feet an amplified transmit source may be needed.

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

