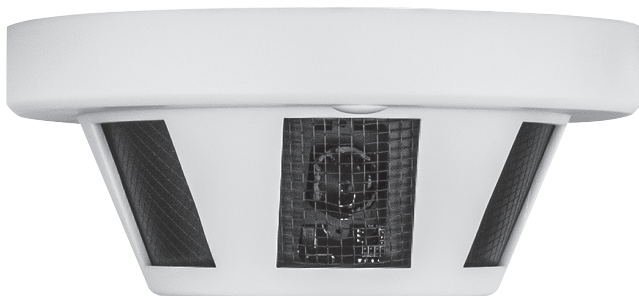




**VTC-SMKC4**  
**Transcendent 2.1 Megapixel**  
**4-IN-1 HDA Smoke Detector**  
**Camera**



**FEATURES:**

- 1/3" 2.1 MegaPixel Progressive Scan CMOS
- 2.1 MegaPixel (1080p / 720p)
- HD-TVI / AHD / CVI / CVBS (Selectable) Video Output
- 1 Lux at F1.2 / 0.1 Lux (B/W)
- 3.7mm Fixed lens Included
- Over 1500' HD Video Transmission (Depending on cable characteristics and integrity)
- 12VDC Operation

VITEK



# Safety Precaution

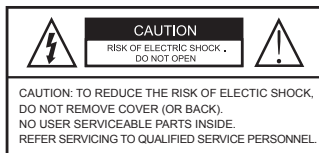
- To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- To prevent electric shocks and risk of fire hazards, do NOT use other than specific power source.



The symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the unit.



- **Warning :**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- **Caution :**

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Mains power quality should be that of a typical commercial environment. If the user of the model requires continued operation during power mains interruptions, it is recommended that the model be powered from an uninterruptible power supply (UPS) or a battery.

## LIMITED PRODUCT WARRANTY

VITEK products carry a three (3) year limited warranty. VITEK warrants to the purchaser that products manufactured by VITEK are free of any rightful claim of infringement or the like, and when used in the manner intended, will be free of defects in materials and workmanship for a period of three (3) years, or as otherwise stated above, from the date of purchase by the end user. This warranty is nontransferable and extends only to the original buyer or end user customer of a VITEK Authorized Reseller.

The product must have been used only for its intended purpose, and not been subjected to damage by misuse, willful or accidental damage, caused by excessive voltage or lightning.

The product must not have been tampered with in any way or the guarantee will be considered null and void.

This guarantee does not affect your statutory rights.

Contact your local VITEK Reseller should servicing become necessary.

VITEK makes no warranty or guarantee whatsoever with respect to products sold or purchased through unauthorized sales channels.

Warranty support is available only if product is purchased through a VITEK Authorized Reseller.

# Connections

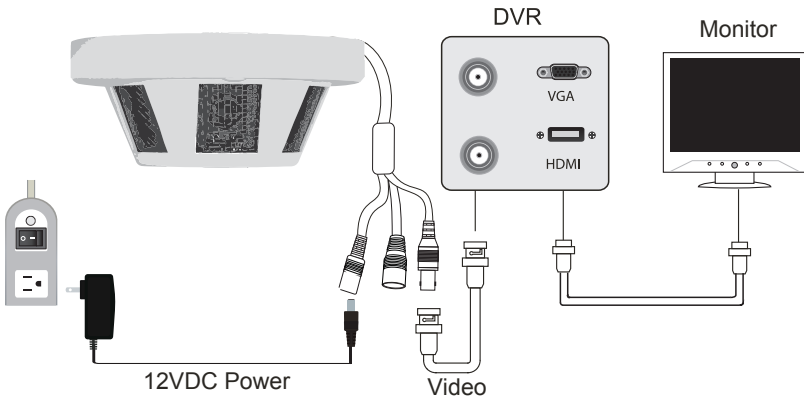
1. Connect the camera's BNC video input to the video input on a digital video recorder
2. Connect the camera's 12VDC power output to a power supply appropriate for installation

# Installation

- 1) Disconnect power before installation.
- 2) Confirm proper 12VDC power supply is used to prevent damage to the camera.
- 3) Do not use in an environment beyond the boundaries of the specifications.

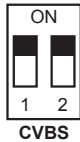
# Power & Video Connections

Connect the HD-TVI Video or AHD/CVBS video connector to a BNC patch cable, then to a DVR. Next connect the power connector to a 12VDC power adaptor.

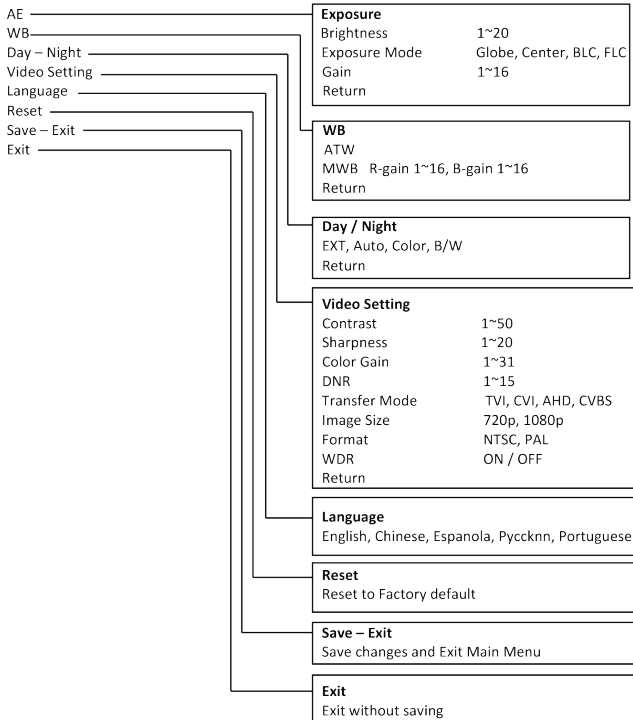


## Video Output Mode Switch:

Select the desired video mode using the dip switches contained within the on-cable Output Mode Switch as follows:



**Main Menu**



<b>Exposure</b>	
Brightness	1~20
Exposure Mode	Globe, Center, BLC, FLC
Gain	1~16
Return	
<b>WB</b>	
ATW	
MWB	R-gain 1~16, B-gain 1~16
Return	
<b>Day / Night</b>	
EXT, Auto, Color, B/W	
Return	
<b>Video Setting</b>	
Contrast	1~50
Sharpness	1~20
Color Gain	1~31
DNR	1~15
Transfer Mode	TVI, CVI, AHD, CVBS
Image Size	720p, 1080p
Format	NTSC, PAL
WDR	ON / OFF
Return	
<b>Language</b>	
English, Chinese, Espanola, Pyccknn, Portuguese	
<b>Reset</b>	
Reset to Factory default	
<b>Save – Exit</b>	
Save changes and Exit Main Menu	
<b>Exit</b>	
Exit without saving	

**Specifications**

Image Device	1/3" 2.1 MegaPixel Progressive Scan CMOS
Resolution	HD-TVI / AHD / CVI: 2.1 MegaPixel / CVBS: 960H
Effective Pixels	1920x1080
S/N Ratio	48dB or more
Built-In Lens	Pinhole 3.7mm Fixed
Minimum Illumination	1 Lux at F1.2 / 0.1 Lux (B/W)
Electronic Shutter	Auto (1/30sec ~ 1/60,000sec)
DNR	3D-DNR
Gain Control	Auto
White Balance	ATW
HD Transmission Range	Over 1500' (Depending on cable characteristics and integrity)
Power Source	12VDC
Power Consumption	100mA
Operation Temperature	-10° ~ 50°C (14° ~ 122°F) Less Than 80% RH
Dimensions	5.12" x 2.29" (130 x 58mm)

