



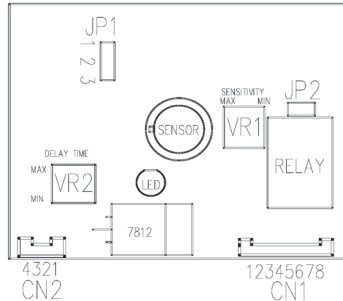
VT-PIRC2/H
Color PIR Cameras



- 1/3" Sony High Density CCD (960H) with 700 TV Lines
- Minimum Illumination of 0.2 Lux / 0.1 Lux
- Pinhole 3.7mm / F2.0 Lens Included
- NC/N/NO Alarm Output
- Working 100' Motion Detection Using 58 Beams Within 3 layers (35' x 35' Coverage Area)

VITEK

PIR BOARD LAYOUT



- 1. LED:** When an intrusion is detected, the LED will activate.
- 2. JP1:** Pulse count setting.
 - 1-2 short:** Relay will activate when an intrusion is detected once. (For stable environments or high risk operating environments)
 - 2-3 short:** Relay will activate when an intrusion is detected twice within 15 seconds. (For harsh environments)
- 3. JP2:** Relay output select.
 - Short:** For outer control used in area where DC12V is requested (Limited at 200mA).
 - Normal:** N.C. = DC12V out
 - Activate:** N.O. = DC12V out
 - Open:** Normal relay connector (1.5A at DC24V/1.5A at AC120V/1A at AC240V)
 - Normal:** C & N.C. short / C & N.O. open.
 - Activate:** C & N.C. open / C & N.O. short.

Caution! Risk of electric shock. Set-up and operation should be performed by Authorized Service Person only.

- 4. VR1:** Sensitivity adjustment.
Turn clockwise for high sensitivity, turn counter-clockwise for low.
- 5. VR2:** Relay activation time adjustment (range about 2 ~ 30 seconds).
Turn clockwise for short time, turn counter-clockwise for long.
- 6. NC/C/NO Wiring:**
C: BLACK **NO:** WHITE **NC:** YELLOW

CN1 Connector:

1. DC 12V IN
2. GND
3. AUDIO OUT (option)
4. GND
5. VIDEO OUT
6. RELAY C. (common)
7. RELAY N.O. (normal open)
8. RELAY N.C. (normal close)

CN2 Connector:

1. AUDIO IN (Not Available In US)
2. VIDEO IN (from CCD MODULE)
3. GND
4. DC 12V/120mA OUT (for CCD MODULE)

SPECIFICATIONS**VT-PIRC2/H**

Image Device	1/3" Sony High Density CCD (960H)
Effective Pixels	1020 x 508
Resolution	700 TV Lines
Minimum Illumination	0.1 Lux
S/N Ratio	More Than 48dB
Electronic Shutter	1/60 to 1/100,000 sec.
AGC	>18db
Sync. Mode	Internal Sync.
Scanning System	2:1 Interlace
Gamma Correction	0.45
Sync. Frequency	15.734KHz (H) / 60Hz (V)
Video Output	Composite: 1.0 Vp-p / 75 Ohm
Power Source	12VDC
Power Consumption	100mA
Operation Temp.	-10° ~ 60°C (14° ~ 140°F) Less Than 80% RH
Standard Lens	3.7mm/F2.0
Dimensions	2.75" x 4.72" x 1.69" (70mm x 120mm x 43mm)

Application Note:

- Use a professional CCTV monitor only to achieve best resolution and performance.
- Camera may also be connected to other devices such as a DVR .
- Use copper braid RG59U coax for best video performance. Video may also be transmitted via CAT5E cable with the use of video baluns .
- 12VDC Regulated power adapter 12V must be used otherwise the device will be damaged and un-repairable.

LIMITED LIABILITY 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.



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