



**VTC-IRLED24H**  
Day/Night Infrared 520 TV Line  
Bullet Camera w/50' Range



- 1/3" High Resolution Color CCD image sensor
- 520 TV Lines of Resolution
- Minimum Illumination of 0.6 Lux (0 Lux / F2.0 with IR LEDs On)
- 3.6mm / f2.0 Standard Lens
- Water Resistance: IP 67
- 24 IR LEDs with 50' Range
- Effective IR Range: Over 50 Feet
- Automatic IR triggers On under low illumination / Off under Normal Illumination
- Sun Shroud to reduce glare and dissipate heat

VITEK



**CAUTION**  
**RISK OF ELECTRICAL SHOCK**  
**DO NOT OPEN**



**CAUTION:**

To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.

Only operate this apparatus from the type of power source indicated on the label.

The company shall not be liable for any damages arising out of any improper use, even if we have been advised of the possibility of such damages.



The lightning flash with arrowhead symbol, within an equilateral triangle, 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.



This exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



**ROHS Announcement**

All lead-free products offered by the company comply with the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly "lead-free" and without the hazardous substances cited in the directive.



The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected separately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.



**CE Mark**

This apparatus is manufactured to comply with the radio interference.

The company does not warrant that this manual will be uninterrupted or error-free. We reserve the right to revise or remove any content in this manual at any time.

## PACKAGE CONTENTS

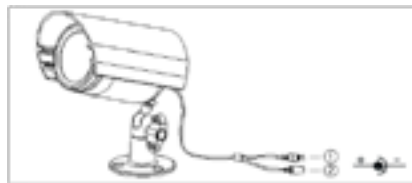
- 1 x VTC-IRLED24H Camera
- 1 x Mounting Bracket
- 1 x Power extender lead (VT-ME172-4101)
- 1 x User Manual

## CONNECTION

1. Connect the camera video output to the monitor video input with a 75Ω coaxial cable.

**2. DC12V Input Terminal**

Connect the power connector of the camera to a 12V DC regulated power supply.



**NOTE:** Please use the correct power adaptor, DC12V (regulated), to operate this unit. The tolerance of this unit is DC12V  $\pm$  10%. Over the maximum DC12V power input will damage the video output connector (VIDEO OUT).

If power cable must be extended, use the enclosed power lead with 2.1mm plug (model# VT-ME172-4101) and splice into a 2 conductor extension wire with a gauge with thickness appropriate with the distance limitations to avoid power loss. Please check appropriate sources to determine the resistance per foot for the wire being used.

## SPECIFICATIONS

Image Device	1/3" Color CCD image sensor
Effective Pixels	771(H) x 492(V)
Resolution	520 TV lines
Minimum illumination	0.6 Lux / F2.0 (0 Lux with IR LEDs ON)
Infrared LEDs	24 840nm IR LEDs
IR Distance	Over 50 Feet
Day/Night	Auto
S/N Ratio	More than 48dB (AGC off)
Electronic Iris	1/60 to 1/100,000 sec.
Built-In Lens	f3.6mm / F2.0
Light Compensation	Built-in BLC
Iris Mode	AES (Auto Electronic Shutter)
Gain Control	Auto
White Balance	ATW
Video Output	1.0Vp-p composite, 75 Ohms
TV System	2:1 Interlace
Scan Frequency	59.94Hz(V), 15.734KHz(V)
Synchronization	Internal/Line Lock (Default: Internal)
Water Resistance	IP67
Construction	Aluminum Housing
Power Source	12VDC
Power Consumption	IR ON: 455mA (12VDC) / 400mA (24VAC) / IR OFF: 110mA (12VDC) / 120mA (24VAC)
Operating Conditions	0~104°F (0~40°C) / 85% RH Max
Length	2.48" x 2.28" x 4.06" (63 x 58 x 103.2mm)
Weight	12.17 Oz. (345g)

## VITEK 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 non-transferable 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 then 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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