

## LIMITED LIABILITY WARRANTY

Your new Camera is guaranteed to be free from defects in materials and workmanship for a period of two years from the date of purchase.

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 VITEK directly for all servicing.



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**VTC-IRHCM1A**  
True Day/Night Infrared  
Ball Camera



- 1/3" Color CCD with 480 TV of Lines Resolution
- 21 Infrared LEDs enable Viewing in Total Darkness up to 50 Feet
- True Day/Night Operation with Automatic Removable IR Cut Filter
- Heavy Duty Vandal Resistant Aluminum Construction
- 12VDC Low Consumption Power Input
- Standard 4mm Lens Included. Accepts optional 6, 8, 12, and 16mm Lenses



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



1. Unit contains uninsulated dangerous voltage within the enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons
2. Only use DC Power Supply
3. Read & Keep these instructions.
4. Heed to all warnings and follow all instructions carefully.
5. Do not use near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. install in accordance with the instructions.
8. Do not install near any heat source such as radiators, heat resisters, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or the third prong are provided for safety. if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacle, and the point where they exit from the apparatus.
11. Only use attachment/accessories specified by VITEK.
12. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the Unit,
13. Unplug this unit during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel, Servicing is required when the unit has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally or has been dropped.
15. Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personal.

**CAUTION** - To reduce the risk of electric shock, do not perform any servicing other than contained in these operating instructions unless you are qualified to do so.

**SPECIFICATIONS**

**VTC-IRHCM1**

|                       |  |
|-----------------------|--|
| Pick up Element       | 1/3" Color CCD image sensor                  |
| Effective Pixels      | 771 x 492                                    |
| Resolution            | 480 TV Lines                                 |
| Minimum Illumination  | 0 Lux (IR On) / 0.5 Lux @ f2.0 (IR Off)      |
| S/N Ratio             | More than 48dB(AGC off)                      |
| Electronic Shutter    | 1/60 to 1/100,000 sec.                       |
| Gamma                 | 0.45   |
| Iris Mode             | AES  |
| White Balance         | AWB  |
| Video Output          | 1.0 Vp-p composite, 75 Ω                     |
| Lens                  | Standard 4mm (6mm, 8mm, 12mm, 16mm Optional) |
| BLC                   | Auto   |
| IR LED                | 21 850nm IR LED's                            |
| Storage Temperature   | -22° ~ 140° F (-30° ~ 60° C)                 |
| Operation Temperature | 14° ~ 122° F (-10° ~ 50° C)                  |
| Power Source          | 12VDC±10%                                    |
| Power Consumption     | 90 mA (IR Off) / 270 mA (IR On)              |
| Weight                | 9.88 oz. / 280g                              |