

**INSTRUCTION  
MANUAL**

# **Micro-Cannon Vandal Resistant IR Camera**

**Product Code:- GMC3CHIR/W**



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## Precautions

- To avoid electrical shock, do not open the case of this product.
- Only use a regulated DC 12V Power supply to operate this product.
- Do not overload electrical outlets or extension cords; this can result in fire or electric shock.
- Keep this product away from strong magnetic fields.
- Do not expose this product in direct sunlight or strong reflected rays.
- Refer servicing to qualified personnel only.
- Do not change or modify this product; the warranty will be void.

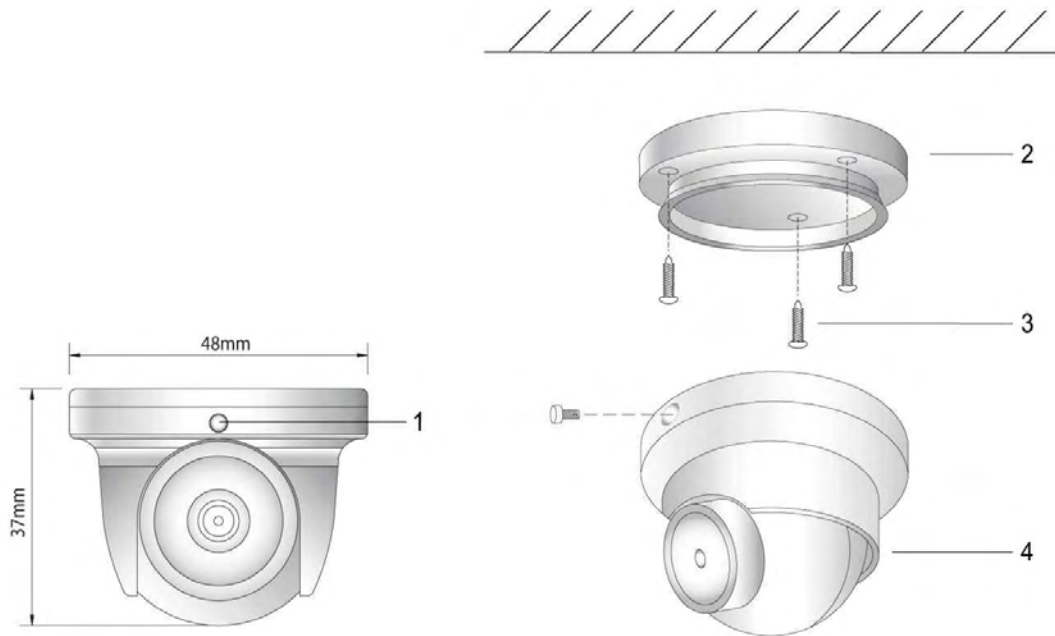
## Features

- 1/3" Sony Super HAD CCD
- 540 TVL
- INTEGRATED 10Pc IR LEDs
- Digital Day / Night
- Rugged Steel Construction
- IP66
- DC 12V

## Installation

1. Loosen the two locking screws①, using the supplied hex-head wrench and remove the mounting base.
2. Attach the mounting base② to a suitable solid surface, such as a wall or ceiling. On partitioning locate a wall stud or ceiling joist. Secure the mounting base using the supplied screws③. Fit the camera④ to the mounting base ② and fix in to position using the two locking screws①, secure them with the hex-head wrench.
3. How to set the angle of view:  
Loosen the two locking screws①, using the supplied hex-head wrench, and set the desired camera angle by moving the camera right /left and up/down.
4. Connect the video connector (BNC) of the camera cable to the incoming video cable. The other end of the video cable should be connected to a DVR or Monitor. Plug the camera power connector (red DC jack) into the DC12V regulated power

supply. Switch on the power supply and the picture should will now be displayed on the Monitor.



**Note:**

- **Only use a regulated DC 12V adapter, such as the Genie PSUISM.**

## Trouble Shooting

If the camera does not function properly, check the following points before contacting your distributor.

Troubles	Remedies
No video	Check the adapter and video cable between the camera and a monitor
The image on the screen is dark	Check the brightness control on the monitor
The image on the screen is dim	Check if the lens is stained. If dirty, clean it with a soft, clean cloth
The camera is not working properly and the camera case is hot	Check if you have connected the correct power adapter

The contrast on the screen is too weak	Adjust the contrast feature of the monitor. The camera may be exposed to strong light source, change the position
The image on the screen flickers	Is the camera facing directly into the sun or fluorescent light? Change the camera position
Picture rolls and jumps, scrambled picture	Incorrect V-hold control setting on the monitor
Picture smaller than screen	Mains current may be too low

## Specifications

- |                         |                                      |
|-------------------------|--------------------------------------|
| • Image sensor          | 1/3" Sony Super HAD CCD, 752H x 582V |
| • Scanning system       | 2:1 interlace                        |
| • Horizontal resolution | 540 TV lines                         |
| • Shutter speed         | Auto, Manual (1/50 to 1/100,000 sec) |
| • Sync. System          | Internal                             |
| • S/N ratio             | more than 48db (AGC off)             |
| • Minimum illumination  | 0.1 Lux                              |
| • Video output          | Composite 1.0Vp-p @75 Ω              |
| • AGC                   | Auto                                 |
| • White balance         | Auto                                 |
| • LED                   | Built-In 10 IR Leds                  |
| • Lens                  | 3.0mm fixed lens                     |
| • Current consumption   | 120mA Max                            |
| • Power supply          | DC 12V                               |
| • Operating temperature | -20°C to 50°C                        |
| • Dimensions            | 48 (W) x 37 (H) x 48 (D) mm          |
| • Weight                | 90g                                  |

## Limited 3 Years Warranty

This warranty gives the original purchaser specific legal rights if our products do not function because of a defect in materials or workmanship. We will repair or replace the product, free of charge, for 3 years from original date of purchase.

This warranty does not cover defects caused by modification, misuse, deliberate or accident damage or damage due to acts of god, or nature.