

# GV-VF539XDR

1/3" High Resolution, XDR Day/Night, Color Camera



## Summary

The GV-VF539XDR features a 1/3" Super HAD CCD imager with 560TV Lines of resolution and Digital Day/Night capability. The camera also employs a XDR (eXtended Dynamic Range) function that provides clear images even under severe backlight circumstances where illumination intensity can vary excessively.

## Features

- 1/3" Super HAD CCD Image Sensor
- Super High Resolution 560TV Lines
- 2.8 ~ 11mm Vari-focal Auto IRIS Lens
- eXtended Dynamic Range (XDR)
- Digital Day/Night
- Digital Noise Reduction (DNR)
- Excellent Auto Tracking White-Balance
- Excellent Color Rolling Suppression
- 3D DNR / DSS / HSBLC
- Privacy Zone / Digital Zoom
- Horizontal & Vertical Mirroring
- 3 Axis Dome Design
- Easy Installation

### eXtended Dynamic Range (XDR)

XDR utilizes low shutter speed in dark areas to increase the range of luminance.



### 560TVL Resolution

GV-VF539XDR uses a Super HAD CCD which allows high frequency and horizontal correction signals. By using Digital Signal Processing, the camera provides crisp clear, high resolution images.



Standard Resolution



High Resolution

GV-VF539XDR



GVI Security | Toll Free: 888-595-2288 | Fax: 972-245-7333  
This product specifications and manual are also available in pdf format at [www.gviss.com](http://www.gviss.com)  
The information is subject to change without notice - v4.29.10

# GV-VF539XDR

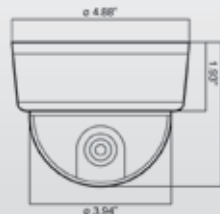
1/3" High Resolution, XDR Day/Night, Color Camera



## Specifications

| Model                   | NTSC   | PAL                      |
|-------------------------|--|--------------------------|
| System                  | Digital Day/Night, NTSC                                | Digital Day/Night, PAL   |
| Image Sensor            | 1/3" Sony Super HAD CCD                                |                          |
| Active Picture Elements | 768(H) x 494(V)  | 752(H) x 582(V)          |
| Scanning System         | 525 Lines, 2:1 Interface                               | 625 Lines, 2:1 Interface |
| Scanning Frequency      | 15.734 KHz(H), 59.94 Hz(V)                             | 15.625 KHz(H), 50 Hz(V)  |
| Synchronization         | Internal   |                          |
| Minimum Illumination    | Color: 0.22 Lux, B/W : 0.002 Lux @ F1.2, Sense-Up x128 |                          |
| Horizontal Resolution   | 560 TVL (Color)  |                          |
| Shutter Speed           | 1/60 ~ 1/10,000 sec.                                   | 1/50 ~ 1/10,000 sec.     |
| S/N Ratio               | 50dB (AGC Off)   |                          |
| AGC                     | Yes  |                          |
| XDR/BLC                 | Yes  |                          |
| Day/Night               | Digital Day/Night                                      |                          |
| White Balance           | Fast AWB / ATW   |                          |
| Lens                    | F1.2 / 2.8 ~ 11mm DC Iris Lens                         |                          |
| Control                 | OSD  |                          |
| Adjustments             | DSS, 3D-DNR, HSBL, Privacy Zone                        |                          |
| Video Output            | 1Vp-p Composite, 75 Ohms                               |                          |
| Supply Voltage          | Dual Voltage   |                          |
| Power Consumption       | Max. 2.8W  |                          |
| Temperature Range       | -10°C ~ 50°C   |                          |
| Humidity Range          | 10% ~ 90% non-condensing                               |                          |
| Size                    | 100mm(Ø) x 102mm(H)                                    |                          |

## Dimensions (unit : in) Front



## Certifications



GV-VF539XDR