

# GV-HIDCRH

## HIGH RESOLUTION, COLOR, HIGH IMPACT, RECESSED MOUNT DOME



### SUMMARY

The GV Series Armored Domes represent the best in vandal resistant housing for fixed camera applications. Constructed of 100% high impact aluminum, this housing is ideal for interior or exterior applications in prisons, schools, public transit and any other area prone to vandalism activity. The camera gimbal bracket allows for easy positioning and adjustment of the lens assembly

The GV-HIDCRH is designed for perfect installation in recessed mount applications such as prisons, elevators and hallways. With a standard 3.6mm Fixed lens, 480 lines of resolution, and 24VAC, the GV-HIDCRH yields high quality images and crisp, clear, interference free video. All these features combined with a scene illumination of 1.0Lux make the GV-HIDCRH the new choice for systems integration..

### FEATURES

- 480 Lines of Resolution
- 3.6mm Fixed Lens
- 1.0 Lux
- AC 24V
- All aluminum, weatherproof construction
- Isolated Line Lock
- Polycarbonate, optically clear window

### SPECIFICATIONS

#### Power:

Power source: AC 24V±10%, 60Hz±1Hz  
Power consumption: Max. 4.6W

#### General:

Image sensor: 1/3" interline transfer  
Picture element: 768(H) x 494(V)  
Image sensor area: 7.95mm(H) x 6.45mm(V)  
Unit cell size 8.4µm(H) x 9.8µm(V)  
Scanning system: 2:1 interlace  
Scanning frequency: 15.734KHz(H), 59.94Hz(V)  
Operating temperature: -10oC ~ +50oC  
Sync. System: Line-lock  
V phase adjust range: 0o to 360o  
Electronic shutter: 1/60 ~ 1/100,000 sec

#### Video:

Signal format: NTSC 525 lines  
Resolution: 480 TV lines  
Min. illumination: 1 lux (F1.2,50IRE)  
Video output: 1.0 Vp-p, 75 ohm  
S/N ratio: 46 dB (AGC OFF)  
BLC: 40% center (BLC ON)

#### Sync. Level: 40 IRE

#### General:

WHITE BALANCE: AWB (3200K ~ 8000K), Indoor, Outdoor  
V-PHASE: Adjustable (volume)  
DC IRIS LEVEL: Adjustable (volume)

#### Lens:

FIXED IRIS: 3.6mm F2.0

#### Connector & Mechanical:

Video output: BNC connector  
Power input: 2 Wires

#### Camera Mount:

Max. Size: 2.6"L x 1.65"W x 1.65"H  
(6.5cm x 4.2 cm x 4.2cm)

#### Window Size:

0.118" (3mm) thick  
3.15" (8mm) diameter

### ACCESSORIES

#### RECOMMENDED POWER SUPPLIES

TRAN-24-40LED, 24VAC, 40VA, class II plug in transformer  
GV-M2448UL, 24VAC, 4 AMP, 8 fused outputs  
GV-M24816UL, 24VAC, 8 AMP, 16 fused outputs

#### ADDITIONAL LENS OPTIONS

Extra lenses are sold separately on following focal lengths:  
2.9mm, 6mm, 8mm and 12mm