

GV-HIDDNVACH

DAY/NIGHT, VARIFOCAL, COLOR, HIGH IMPACT SURFACE 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. Included with surface mounting units are two tapped holes (NPT threaded pipe) in the side and top of the housing make surface or recessed conduit installation fast and easy.

The GV-HIDDNVACH is designed for perfect installation in surface mount applications. With a standard 4-8mm Varifocal Auto-Iris lens, 480 lines of resolution color, 530 lines of resolution B&W, and 24VAC or 12VDC, the GV-HIDDNVACH yields high quality images and crisp, clear, interference free video. All these features combined with a scene illumination of 0.5Lux color - 0.04Lux B&W, make the GV-HIDDNVACH the new choice for systems integration.

FEATURES

- Color 480 Lines of Resolution, B&W 530 Lines of Resolution
- DC Auto-Iris, 4~8mm Vari-Focal Lens
- Color 0.5 Lux, B&W 0.04 Lux
- AC 24V - DC 12V
- 1/2" & 3/4" Conduit Fittings
- All aluminum, weatherproof construction
- Isolated Line Lock
- Polycarbonate, optically clear window
- True Day/Night, mechanical IR cut filter

SPECIFICATIONS

Power:

Power source (AC): AC24V +/-10%, 60Hz +/-1Hz

Power source (DC): DC12V +/-10%

Power consumption: 3.5 Watts

General:

Image sensor: 1/3" interline transfer CCD [SONY DSP]

Picture element: 811(H) "X" 508(V)
 Scanning system: 2:1 interlace
 Scanning frequency: 15.75KHz(H), 60Hz(V)
 Operating temperature: -10o ~ +50o
 Sync. system: Line Lock/Internal
 Electronic shutter: 1/60 ~ 1/100,000 sec.
 Video Signal format: NTSC(525Line)/PAL(625Line)
 Resolution: High Resolution: 480(COLOR), 530(B/W)
 TV lines
 Min. illumination: B/W: 0.04 lux (F1.2Lens, 50IRE)
 Color: 0.5 lux (F1.2Lens, 50IRE)
 Video output: 1.0 Vp-p (75 ohm)
 White Balance: ATW[2800K ~ 8000K]
 S/N ratio: 50 dB (AGC Off)

Function:

Auto/Man. Shutter:
 Auto(On).Manual(Off)(Dip Switch)
 Manual Shutter(8 Mode:1/60,1/100,1/250,
 1/500,1/1000,1/2000,1/4000,1/10000)
 Flickerless(F.F): On/Off (Dip Switch)
 BLC: ON/Off (Dip Switch)
 EI: On/Off (Dip Switch)
 Auto Iris Lens: DC/VIDEO(Dip Switch)
 Color/BW: COLOR/BW (Dip Switch)
 AGC: On/Off (Dip Switch)
 Auto/Man.: Color/bw conversion (Dip Switch)
 Sync.: Internal/Line Lock(Dip Switch)

Connector & Mechanical:

DC iris level: Adjustable (volume)
 Phase level: Adjustable (volume)
 Video output: BNC
 Power input: 2-pin Wire
 Lens: DC AUTO IRIS VARIFOCAL 4mm ~ 9mm
 LENS (F1.6 ~ F2.4)
 Focal length: 4.0mm~8mm
 Weight: 0.9 Kg
 Maximum Size Camera Mount: 2.6L x1.65W x1.65H;
 (6.5cm x4.2cm x4.2cm)
 Window Size: 0.118 inch (3mm) Thick optically clear,
 impact resistant polycarbonate 3.15 inch (8mm)
 Diameter
 Board Size: 42mm
 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

GV-M1234, 12Vdc, 3Amp, 4 fused outputs

GV-TRAN-12-500