



# GOLDEN STATE INSTRUMENT CO.

## GS-3100 CVIR

### 1/3" Color Infrared Illuminator Vandal Resistant Dome Camera

(With XYZ Bracket)

This Color Vandal Resistant Dome CCD Camera with Infrared illumination incorporates advanced sensor and high performance DSP (Digital Signal Processor ) to provide 60dB S/N, Zero Color Rolling, and mirror image.

It is suitable for a wide range of applications and is best used for ceiling mount locations.

#### Features:

- Applications for the camera include operating at night and a transmission range of approximately to 25m (75 ft) indoor.
- Uses high-speed IR LED ( 24 pcs ) , warranty 90-day
- IR Transmission angle: 45°
- Very low smear, 6dB better than average.
- High quality picture and aesthetics. Easy to install.
- Digital AGC control.

The AGC function provides clear images in low light conditions.

- Auto high speed white balance zero color rolling .
- Auto Exposure (AE)

Camera can adjust to any light source condition

- Gamma correction

Adding Gamma correction allows good picture quality in a very bright or very dark environments.

- Built-in a new 20 bit digital signal processing chip.



**POWER:**  
DC12V Power Supply

#### SPECIFICATIONS:

TV System	NTSC / PAL	
Image Sensor	1/3-inch Sony Super HAD* CCD Image Sensor	
CCD Total Pixels	542 (H) ×496(V) / 542(H) × 586(V)	
CCD Effective Pixels	512 (H) ×492(V) / 512(H) × 582(V)	
Scanning System	525 lines, 60 fields/sec. / 625 lines, 50 fields/sec.	
SYNC System	Internal	
Minimum illumination	0Lux (LED ON) 0.5Lux(LED OFF) 5600 °K	
Lens	3.5-8 mm F2.0	
Resolution	480 TV lines (Max.)	
Signal to Noise Ratio	Better than 52 dB (AGC OFF) Typical 60dB	
White Balance	Auto high speed white Balance (1 FRAME)	
Auto iris	A.E.S.	
Electronic Shutter	1/60-1/120,000 sec	1/50-1/120,000 sec
Video Output	1.0Vp-p composite video @ 75 ohm	
Gamma Correction	0.45	
Gain Control	AGC	
Operating Temperature	-20 °C to 50 °C	
Operating Humidity	Within 85 % RH	
Power Supply	DC 12V	
Power Consumption	100 mA (LED OFF) 220 mA (LED ON)	
Dimension / Net weight	Φ4.65" (118mm)×H3.9" (100mm) / 1365g	

Specifications are subject to change without notice.

#### WARNING:

1. Observe Correct Voltage and Polarity
2. Do Not Point Camera Directly Into Sun
3. Failure To Observe Warnings May Void Warranty

#### ACCESSORIES:

This package includes:

1. 1/3 inch color Infrared Illuminator Vandal Resistant Dome Camera × 1pcs
2. Instruction sheet × 1pcs
3. 12 VDC Pigtail × 2pcs

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