



GOLDEN STATE INSTRUMENT CO.

GS-400 IRDC

1/4" Color Infrared Illuminator Dome Camera

(With XYZ Bracket)

The Color Mini-Dome CCD Camera with Infrared illuminator incorporates advanced sensor and high performance DSP (Digital Signal Processor) to provide 60dB S/N, Zero Color Rolling, and Mirror image.

They are suitable for a wide range of applications for installation in all kinds of locations.

Features:

- Applications for the camera include operating at night and a transmission range of approximately to 12 to 15 feet indoor.
- Use high-speed IR LED (12 pcs) , warranty 90-day
- Transmission angle: 60°.
- Very low smear, 6dB better than average.
- High quality picture, aesthetic and easy to install.
- Digital AGC control.
This AGC function provides clear image in low light condition.
- Auto high speed white balance zero color rolling .
- Auto Exposure (AE)
Camera can adjust to most light source conditions
- Gamma correction
Adding Gamma correction allows good picture in a very bright or very dark environment.
- Built-in a new 20 bit digital signal processing chip.

SPECIFICATIONS:

TV System	NTSC / PAL
Image Sensor	1/4-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	3.7mm F2.0
Resolution	420 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) 210 mA (LED ON)
Dimension / Net weight	Φ4.65" (118mm)×H2.83" (72mm) / 230g

Specifications are subject to change without notice.

WARNING: Observe Correct Voltage and Polarity
Do Not Point Camera Directly Into Sun
Failure To Observe Warnings May Void Warranty

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FUNCTION:

1. DC12V Power Supply.
2. Video Signal Output Connector.

ACCESSORIES:

This package includes:

1. 1/4 inch color Infrared Illuminator Dome Camera × 1pcs
2. Instruction sheet × 1pcs
3. 12 inch DC Pigtail × 2pcs