



GOLDEN STATE INSTRUMENT CO.



Super HAD CCD

This new camera uses P.O.D. (Precision OSD DSP) technology. This technology enables the user to precisely fine tune all the camera functions according to the application. No matter what the conditions are, you will be able to achieve optimum picture quality. With a High 480 TVL of color resolution gives this camera superior image quality unmatched by others. The 3 axis mount makes this a very versatile camera that can be placed on ceilings or walls with very little effort.

Features:

- 1/3" SONY Super HAD CCD
- High 480 TVL Color Resolution
- Super BLC (Back Light Compensation)
- 2.8-11mm Auto-Iris Varifocal Lens
- 30 IR LED's (60-80ft Illumination)
- Very low smear, 6dB better than average
- Built-in new 20 bit DSP (Digital Signal Processing)
- Indoor Dome
- X-Y-Z, 3 Axis Mount
- 12VDC
- OSD (On Screen Display) Menu Controls
- Turbo AGC (Automatic Gain Control)
- Video Test Jack
- Sharpness and Mirror Functions

Specifications:

| | |
|------------------------|---------------------------------------|
| Signal System | NTSC |
| Image Sensor | 1/3" SONY Super HAD |
| Series | P.O.D. |
| Effective Pixels | 768(H) x 494(V) |
| Scanning System | 2:1 Interlace |
| Scanning Frequency (V) | 59.94Hz |
| Resolution | High 480 TVL |
| Min. Illumination | 0.3 LUX (LED Off) 0 LUX (LED On) |
| Light Compensation | BLC (Back Light Compensation) |
| S/N Ratio | More than 50dB (AGC OFF) |
| Shutter Speed | 1/60 ~ 1/1000,000 sec. |
| Video Output | 1.0 Vp-p (75Ω) |
| Sync System | Internal |
| Voltage | 12VDC |
| Power Consumption | 100 mA (LED's OFF) 350mA (LED's ON) |
| Dimensions | 4.5" Diameter 3.5" Height |
| Weight | 0.5 lbs |
| Operating Temperature | -10°C to 50°C |



WARNING:

Do Not Point Camera Directly into the sun.

Do Not cut video or power wires

Observe Correct Voltage and Polarity

Failure to Observe Warnings May Void Warranty

**3002 Dow Ave Suite 228
Tustin, CA 92780 USA**

www.goldenstateinst.com

Sales : 800-227-2330
Tech Support: 888-808-0909
Email : gsi@goldenstateinst.com

Operating Instructions:

OSD (On Screen Display) Menu

| | |
|-----------------------|--|
| LENS | •DC/VIDEO •MANUAL |
| SHUTTER | •FIXED •MANUAL•FLK |
| BLC | •ON (BLC AREA, RATIO) •OFF |
| AGC | •ON (AGC GAIN) •OFF |
| WHITE BAL FUNCTION | •ATW •AWB •FIXED•MANUAL CAMERA ID, MIRROR, DAY NIGHT, MOTION, PRIVACY, GAMMA, LANGUAGE |
| ADJUST | CONTRAST, SHARPNESS, CB-GAIN, CR-GAIN |
| EXIT | EXIT |



Warning:

Lens Type must be set to "DC" for camera to work properly

OSD Controls



SET: Enter OSD Menu/Select Option

UP: Moves Cursor Up

DOWN: Moves Cursor Down

LEFT: Moves Cursor Left/ Change selected item parameters

RIGHT: Moves Cursor Right/ Change selected item parameters

LENS

Using this function to control screen brightness
(Do Not Set To Manual)

SHUTTER

You can select Fixed, Manual, FLK

AGC (AUTO GAIN CONTROL)

For optimal results leave on "On"

White Balance

Use White Balance to adjust the screen color

ATW, AWB, MANUAL, or one of the pre-defined
FIXED settings

BLC (Back Light Compensation)

Enables a user to select a desired area on a picture and
view that area more clearly, and also adjust the Ratio

DAY/NIGHT

You can display pictures in color or black and white

MIRROR

Horizontal Reverse

SHARPNESS

Adjust the clarity of your image

CONTRAST

Adjust the contrast of the image

CAM ID

Enter the title to display on the screen

MOTION DET

Feature that allows you to be alerted of moving
objects on the screen

PRIVACY

Mask an area you want to hide on the screen
(Bathroom Entrances etc.)

LANGUAGE

Select a preferred supported language

EXIT

Save settings and exit OSD