



# GOLDEN STATE INSTRUMENT CO.

## GS-1001BW

### 1/3" B/W CCD CAMERA

The 1/3 inch black white camera has a CCD image sensor and all solid state circuit which provide extremely long life high and high reliability with low high and high burn resistance, The camera functions reliably in a wide temperature range and is not subject to distortion from magnetism.

#### INSTALLATION INSTRUCTION

Read these instructions carefully before trying to put the device into operation.

#### MAIN FEATURES

- By applying high sensitivity, a minimum object illuminance of 0.01LUX (at F/1.2) becomes possible.
- Longevity and no image distortion.
- The camera can use a C mount or an optional CS mount lens.
- CCD iris with electrical shutter, Max 1/100,000 Sec.



#### SPECIFICATIONS

TV SYSTEM	EIA
PICK UP SIZE	1/3"CCD image sensor(inter line)
PICTURE ELEMENTS	510(H)×492(V)
NUMBER OF PIXEL	270K
HORIZONTAL FREQUENCY	15.750KHz
VERTICAL FREQUENCY	60HZ
SYNC.MODE	INTERNAL
SCANNING SYSTEM	2:1 INTERLACE
MIN.ILLUMINATION	0.01LUX(at F/1.2)
HORIZONTAL RESOLUTION	420TV LINES(Max.)
AUTO SHUTTER FUNCTION	1/50,1/60 TO 1/100,000 sec
S/N RATIO	BETTER THAN 46dB(AGC OFF)
GAMMA	0.45
WHITE CLIPPER	1 TO 1.1 Vp-p
VIDEO OUTPUT	COMPOSITE 1.0Vp-p AT 75ohm
POWER REQUIREMENT	AC 24V ± 10%
POWER CONSUMPTION	3.4 WATTS MAX
LENS MOUNT	STANDARD "C" AND "CS" MOUNT
BLC	AUTO
OPERATION TEMPERATURE	- 10°C TO + 60°C
VIDEO AUTO IRIS LENS	SWITCHABLE
DIMENSIONS	L4.7 " (120mm)× W2.2 " (58mm)× H2.2 " (58mm)
WEIGHT	425g



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