

1/4" COLOR CCD CAMERA

EXP-250 CSP

(POWER: 12VDC)

1/4" COLOR CCD CAMERA INSTRUCTION MANUAL



SPECIFICATIONS:

INSTALLATION INSTRUCTION

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

INTRODUCTION

The 1/4 inch color camera has a CCD image sensor and all solid state circuit which provide extremely long life and high reliability with low lag and high burn resistance, and is not subject to distortion from magnetic, and the camera functions reliably in a wide temperature range.

MAIN FEATURES

- 1) By applying high sensitivity, a minimum object illuminance of 0.8LUX(at F/1.2) becomes possible.
- 2) Longevity and no image distortion.
- 3) The camera can use a C mount or an optional CS mount lens, therefore, general use of a variety of C mount or CS mount lenses is possible.
- 4) CCD iris with electrical shutter, Max 1/120,000 Sec.

A. FUNDAMENTAL SYSTEM

TV SYSTEM	NTSC/PAL
Pic Up Size	1/4" Color Sharp CCD image sensor
Picture Elements	542(H)x586(V)/537(H)x597(V)
Number of Pixel	370K
Horizontal Frequency	15.750/15.625KHz
Vertical Frequency	60/50HZ
Sync. Mode	Internal
Scanning System	2:1 Interlace
Min. Illumination	0.8 LUX F/1.2
Horizontal Resolution	More than 420TV lines
Auto Shutter Function	1/50, 1/60, to 1/120,000 sec.
S/N Ratio	Better than 48dB (AGC Off)
White Clipper	1 to 1.1 Vp-p
Video Output	Composite 1.0Vp-p at 75ohm
Power Requirement	DC 12V +/- 120%
Power Consumption	130mA
Lens Mount	Standard "C" and "CS" mount
AES	Auto
BLC	Auto
AGC	Auto
Operation Temperature	-10°C to + 45°C
Video Auto Iris Lens	Switchable
Dimensions	120(L)x60(W)x50(H)mm
Weight	300g

