

1/3" OCML CCD

ICD-501

Super Cube DVSP Color Camera



■ Description

The ICD-501 is a 1/3-inch single-chip CCD Camera with 380,000 pixels for NTSC. It also employs AES and Auto Iris functions in an overall compact design.

■ Features

● High Resolution

470 TV lines Horizontal Resolution.

● Ultra Compact Design

ICD-501 is compact, employing DVSP-circuits, for installation in small spaces.

Dimensions: 69(W) x 69(H) x 59(D)mm

2.72(W) x 2.72(H) x 2.32(D)inch

● High Sensitivity Circuit Design

Employing a high sensitivity 1/3-inch On-Chip-Micro Lens (OCML) CCD, the camera delivers high sensitivity with a minimum illumination of 1.5 lux/f1.4.

● Back Light Compensation

In conjunction with the auto-iris lens and AES, the BLC function enables effective back light compensation that is fully adjustable.

● DC & Video Auto-Iris Selectable Lens

The camera can support both types of auto-iris lenses, available industry wide.

● Auto White Balance

Auto White Balance (ATW) is achieved with automatic tracking. Appropriate correction can always be achieved and compensates for changes in color temperature of the object.

● AES(Automatic Electronic Shutter)

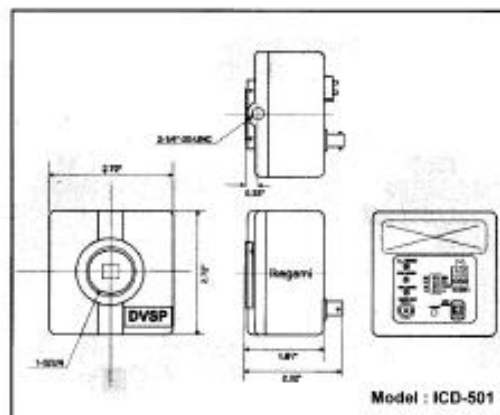
The camera incorporates the AES function with a sensitivity ratio of 1:1600(Max. 1/100,000 sec). Sensitivity is adjusted automatically according to variations in illumination in the surveillance area. Images equivalent to those achieved with the auto-iris lens(f1.4 to f60) can be attained even with a fixed-iris lens.

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■ Specifications

Pickup Device	1/3" Interline Transfer CCD, NTSC: 771(H) x 492(V), approx. 380,000 pixels	Weight	About 290g (0.65 lbs)
Sync System	Internal Sync: Crystal lock or Line lock (AC Operation only)	Dimensions	W69 x H69 x D59 mm W2.72 x H2.72 x D2.32 inches
Video Output	Composite Out VBS 1.0 Vp-p/75ohms 1.0	Power Requirement	AC24V +/-10%, 60Hz or DC 12V +/-1V
Horizontal Resolution	470 TV Line	Power Consumption	Less than 3.2W
S/N	48dB (p-p/rms)	Ambient Temperature	-10°C ~ +50°C (13.5°F ~ 122°F)
Minimum Illuminance	1.5 Lux/F1.4	Camera Mount	1/4"-20UNC (top and bottom)
AGC	Automatic	Input Connector	VBS Output-BNC Auto Iris Lens - 4P (D4-151N-100 or equivalent) Power Input - 2P Push in terminal
Auto White Balance	ATW	Accessories	Operation Manual
Detail Compensation	Built-in		
Back Light Compensation	On/Off Switchable Automatic for AESC mode, And fully adjustable for Auto Iris Lens mode.		
AES	On/Off Switchable		
AES Range	NTSC: 1:1600, (Unable to work when power frequency does not meet vertical frequency of the camera)		
Auto Iris Function	DC & Video Iris Selectable		
Lens Mount	CS Mount (Option: C Mount adaptor can be used)		
Flange Back	Buit-in		

■ Dimensions



Design and specifications are subject to change without notice.

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