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SONY

SINGLE CHIP CCD COLOR VIDEO CAMERA

DXC-190



OUTLINE

Ideal for high-end surveillance, point-of-view, industrial microscopy and ID badging applications, the DXC-190 is a compact and lightweight 1/2 type DSP CCD color video camera which incorporates Exwave HAD™ technology. With its high resolution of 470TVL and minimum illumination of 0.8 lux at F1.2, the DXC-190 produces images with high picture quality and color accuracy. The DXC-190 features backlight compensation and Smart Control® functions that ensure the camera captures clear images even if the visual field of the camera varies or amount of light changes between day and night. The DXC-190 accepts both C and CS mount lenses.

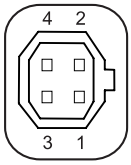
FEATURES

- 1/2 type CCD with Exwave HAD technology
- Digital Signal Processing (DSP) for powerful picture contrast control
- High Sensitivity: F8 @ 2000 lux
- Minimum Illumination: 0.8 lux @ F1.2
- High Resolution: 470 TVL
- C and CS Mount Adjustable
- Smart Control Backlight Compensation
- VBS Genlock
- Intelligent ATW ("ATW Pro")
- Y/C and VBS Output
- Easy Installation

SPECIFICATIONS

Image Device	1/2 type Interline Transfer Exwave HAD CCD
Sensing Area	1/2 type format (6.3 x 4.7mm)
Picture Elements	768 (H) x 494 (V)
Horizontal Resolution	470 TV Lines
Signal/Noise	50 dB
Sensitivity	2000 lux @ F8
Minimum Illumination	0.8 lux at F1.2 (50 IRE, Turbo AGC ON) 0.4 lux at F1.2 (30 IRE, Turbo AGC ON) 3.0 lux at F1.2 (100IRE, Turbo AGC ON)
CCD Iris Control	ON / OFF switchable 1/60 to 1/100,000 second
Electronic Shutter	8 levels: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
Lens Type	VIDEO/DC servo switchable
Power Requirement	DC12V ± 10%(from CMA-D2) DC24V ± 5V(from YS-W170/270) for DC Mulltiplex
Power Consumption	DC12V from CMA-D2 4.5W DC24V from YS-W170/270: 5.5W
Scanning System	525 Lines, 2:1 Interlace
Synchronization	INT, VS/ VBS, MPX-VS H-Phase ± 0.12H SC phase adjustment (360° with 0/180° switch)
AGC	TURBO/NORMAL/OFF switchable
White Balance	AWB/5600K/ATW/ATW Pro switchable
Video Signal	1.0 V peak to peak at 75 Ohms, sync negative Y : 1.0 V peak to peak at 75 Ohms C : C level depends on the composite video out signal
Aperture	Normal/Sharp switchable
Lens Mount	C/CS Mount - Adjustable
Dimension	64(W) x 57(H) x 137(D) mm) (2 5/8 x 2 1/4 x 5 1/2 inches)
Weight	600g
Operating Temperature	-10°C to + 50°C (14° F to 122°F)
Humidity	20% to 80%, Non-condensing

Connector Pin Assignments



Pin	DC Servo	Video Servo
1	Control (-)	Power (DC9V, 50mA)
2	Control (+)	Not connected
3	Drive (+)	Video (0.7V p-p)
4	Drive (-) (GND)	(GND)

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We buy equipment

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