

High Sensitivity 1/2" CCD

ICD-47/47E Series

Black and White CCD Camera



ICD-47/47E is a high sensitivity, high resolution B/W surveillance camera with 1/2" CCD for high-quality pictures.

The camera incorporates Line-Lock, Auto Shutter, Back Light Compensation, 2-Way Auto Iris and delivers a horizontal resolution of 570 TV Lines (EIA) and 560 TV Lines (CCIR) with Minimum Illumination of 0.015 lux/ F1.2, Smear Level -120dB. The camera also supports near infrared light imaging.

- **Horizontal Resolution 570 TVL (EIA), 560 TVL (CCIR).**
- **Minimum Illumination 0.015 lux / F1.2, 0.0065 lux / F 0.8 equivalent.**
- **Smear level -120dB high-quality picture, provides crisp pictures.**
- **Auto shutter function and low smear function grants high light video level.**
- **Back light compensation.**
- **Video Iris Lens or DC Iris Lens can be used.**
- **Switchable Line-Lock/ Internal Lock.**
- **Flange back adjustable.**

ICD-47/47E Series 1/2" CCD B/W Video Camera

Specifications

Pickup Device	1/2 inch, Interline Transfer CCD	Auto Iris Function	Video Iris/ DC Iris (switchable/ iris level adjustable)
Picture Elements	EIA: 768 (H) x 494 (V), approx. 380,000 pixles CCIR: 752 (H) x 582 (V), approx. 440,000 pixels	Power Requirement	AC24V $\pm 10\%$ 60 Hz (EIA) AC24V $\pm 10\%$ 50 Hz (CCIR), AC230V $\pm 15\%$ 50 Hz (CCIR) DC12V 10.5 - 16V (EIA /CCIR)
Sensing Area	6.4 (H) x 4.8 (V) mm	Power Consumption	less than 5 W
Scanning System	EIA: 525 TV Lines/60 Hz, 2:1 Interlace CCIR: 625 TV Lines/50Hz, 2:1 Interlace	Ambient Temperature	-10° to +50°C
Sync System	EIA: 15.734KHz/ 15.75kHz (H) 59.94 Hz/60Hz(V) CCIR: 15.625KHz (H), 50Hz(V)	Power Consumption	
Genlock Input (Option)	VBS or VS 1.0Vp-p/75 ohm (High impedance switchable) BBS 0.45p-p/75 ohm (High impedance switchable)	Lens Mount	CS Mount / C Mount (with Adaptor C-AD2)
Video Output	1.0Vp-p VS Composite	Input/Output connectors	(1) Video Output BNC (2) AC24V / DC 12 V Input 2-pin terminal block (3) A.I. Lens 4-pin (D4-151N-100 or equivalent)
Video Output Impedance	75 ohm (Unbalanced)	Dimensions	70(W) x 60(H) x 125 (D) mm
Horizontal Resolution	EIA: 570TVL(H), 350TVL(V), CCIR: 560TVL(H), 400TVL(V)	Weight	AC230V type: 960 g, AC24V type: 720 g, DC12V type: 540 g
S/N Ratio	over 46 dB (AGC Off, Detail Off, Weight On)	Accessories	Operating Manual, 1 pc. C-Mount Adaptor C-AD2, 1 pc. (optional for ICD-47)
Minimum Illumination	0.015 lux/F1.2, 0.0065 lux/F0.8 (AGC On)		Auto Iris Connector E4-191J-100 or equivalent, 1pc (optional for ICD-47)
AGC	On/Off switchable		
Gamma	about 0.45 (Fixed)		
Backlight Compensation	On/Off switchable, level adjustable		
AES	On/Off switchable, AES Range: EIA: 1:1600, CCIR: 1:2000		

Dimensions

