

1/2"OCML CCD ICD-47/47E

Low Light High IR Sensitivity B/W CCD Camera



ICD-47(EIA)/47E(CCIR) is a high-sensitivity, higher-resolution B/W surveillance camera with 1/2"CCD for high-quality pictures. The camera incorporates Line-Lock, Auto Shutter, Back-light compensation, two way Auto Iris and delivers horizontal resolution of 570TV Lines(EIA)/560TV lines(CCIR) with Minimum Illumination of 0.02 lx/f1.4. Smear Level -120dB. The camera also supports near infrared imaging.

- **Horizontal resolution 570 TV Lines(EIA), 560TV Lines(CCIR)**
- **Minimum illumination 0.02 lx/f 1.4, 0.0065 lx/f0.8 equivalent.**
- **infrared sensitivity Five Times higher than conventional cameras with IT-CCD.**
- **Smear level 1 -120dB high-quality picture, provides crisp pictures.**
- **Auto shutter function and low smear feature permits high light video level.**
- **Back Light Compensation(BLC)**
- **Video iris lens or DC iris lens can be used.**
- **Switchable Line-Lock/Internal Lock.**
- **Flange back adjustable.**

ICD-47 [EIA] / 47E [CCIR]

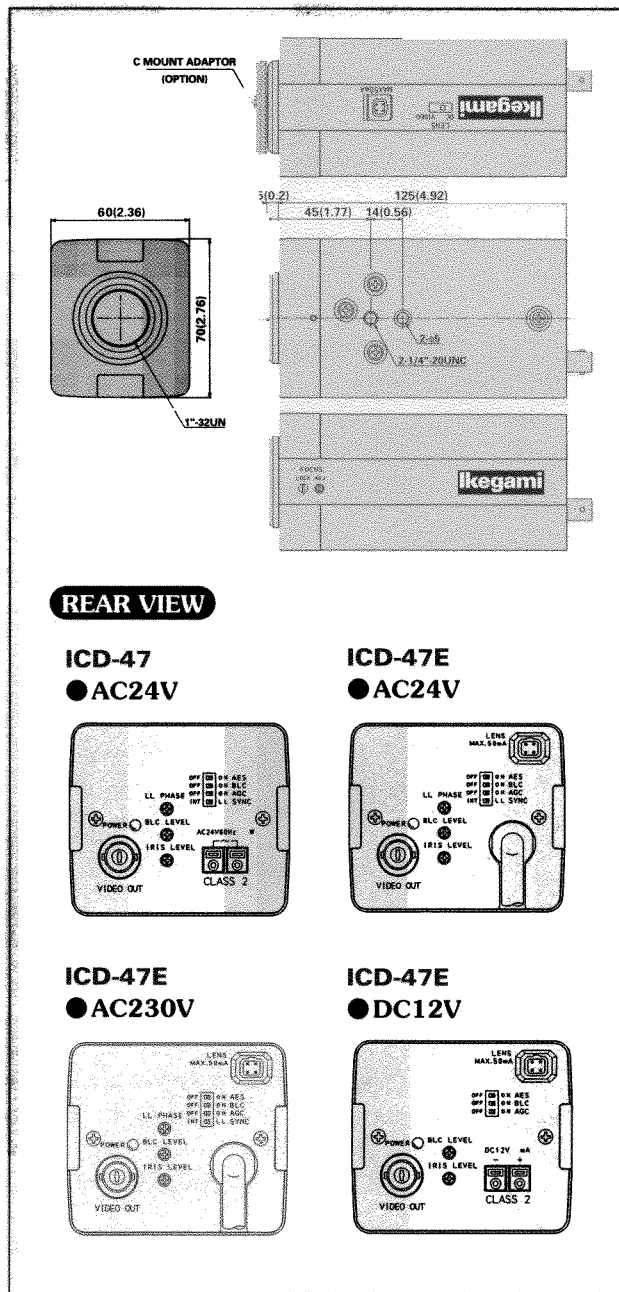
1/2" OCML CCD
Low Light High IR Sensitivity
B/W CCD Camera

Specifications

Pickup Device	1/2" Interline Transfer CCD
Picture Element	EIA: 768(H)×494(V), approx. 380,000 pixels CCIR: 752(H)×582(V), approx. 440,000 pixels
Image Size	6.4mm(H)×4.8mm(V)
Scanning System	EIA: 525 TV Lines/60Hz, 2:1 Interlaced CCIR: 625 TV Lines/50Hz, 2:1 Interlaced
Sync System	EIA: H 15.734kHz/15.75kHz, V 59.94Hz/60Hz CCIR: H 15.625kHz, V 50Hz
GENLOCK Input (OPTION)	VBS or VS 1.0Vp-p/75 Ω (High impedance)
Video Output	BBS 0.45p-p/75 Ω (High impedance)
Horizontal Resolution	1.0Vp-p/75 Ω VS
S/N Ratio	EIA: 570TV Lines CCIR: 560TV Lines
Minimum Illumination	46dB or more (AGC OFF, Detail OFF, Weight ON)
AGC	0.02 lx/f1.4 (AGC ON)
Gamma	ON/OFF Switchable
Back Light Compensation	approx. 0.45(Fixed)
AES	ON/OFF Switchable, Level Adjustable
Auto Iris Function	ON/OFF Switchable
Power Requirement	Video Iris/DC Iris (Switchable and iris level adjustable)
	AC24V ± 10% 60Hz (EIA)
	AC24V ± 10% 50Hz (CCIR)
	AC230V ± 15% 50Hz (CCIR)
	DC12V (10.5V ~ 16V) (CCIR)
Power Consumption	Less than 5W
Dimensions	W70×H60×D125mm(W2.76×H2.36×D4.92inch)
Weight	AC24: approx. 720g(1.59lbs.) AC230V: approx. 960g(2.12lbs.) DC12V: approx. 540g(1.19lbs.)
Ambient Temperature	-10°C ~ +50°C (13.5°F ~ 122°F)
Lens Mount	CS Mount (C mount adaptor can be used)
Input/Output Connector	Video Output: BNC Auto Iris Output 4P Square type (D4-151N-100 or equivalent) AC24V/DC12V Input: 2P Push in terminal
Operational Switches	Sync.: INT/LL Switchable Line Lock Phase Adjustment AES: ON/OFF Switchable Back Light Compensation: ON/OFF Switchable, Level Adjustable AGC: ON/OFF Switchable Auto Iris: DC/Video Switchable DC Iris Level Adjustable
Accessories	Operation Manual C-Mount adapter Auto Iris Connector (E4-191J-100 or equivalent)

Dimensions

Unit: mm (inch)



Design and specifications are subject to change without notice.

Safety agency approval: Underwriters Laboratories Inc.®

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ISO 9001



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