

1/3" OCML CCD

ICD-36 Series

High Resolution Black & White Low-Light Video Camera (EIA)



Description

The Ikegami ICD-36 is a high performance black and white camera that employs a 1/3" OCML (On Chip Micro Lens) CCD sensor to deliver high resolution and high sensitivity with a horizontal resolution of 570 TV lines and a minimum object illumination of 0.15 lux (f1.4).

The ICD-36 incorporates a wide ranging AESC function which produces optimum image reproduction even without the use of an auto iris lens. The camera features switchable BLC (Back Light Compensation) to ensure consistently stable pictures in situations involving extreme background lighting.

The ICD-36 can support both Video and DC-type auto iris lenses. Furthermore the camera employs both internal sync and is line lockable with phase adjustment (AC model) to facilitate multiple camera switching through a single video switcher. Two models are available, the ICD-3624 (24VAC), and the ICD-3612 (12VDC).

The Ikegami ICD-36 series black and white camera **is ideal for applications requiring both high resolution and low light sensitivity at an affordable price.**

Features

- Incorporates a 1/3" On-Chip Micro Lens with 447,000 pixels to deliver a horizontal resolution of 570 TV lines.
- High sensitivity of 0.15 lux minimum object illumination (f1.4 - 75 % reflection).
- AESC (Automatic Electronic Shutter Control) sensitivity ratio of 1/800 (1/60 to 1/50,000 sec.).
- BLC (Back Light Compensation), switchable (ON/OFF) with level adjustment.
- Two-way auto iris (Video and DC iris).
- Internal/Line lock with phase adjustment (AC model).
- Available as ICD-3624 (24VAC), and ICD-3612 (12VDC).
- Built-in isolation power transformer.
- UL Listed, FCC Approved.
- Affordable price.

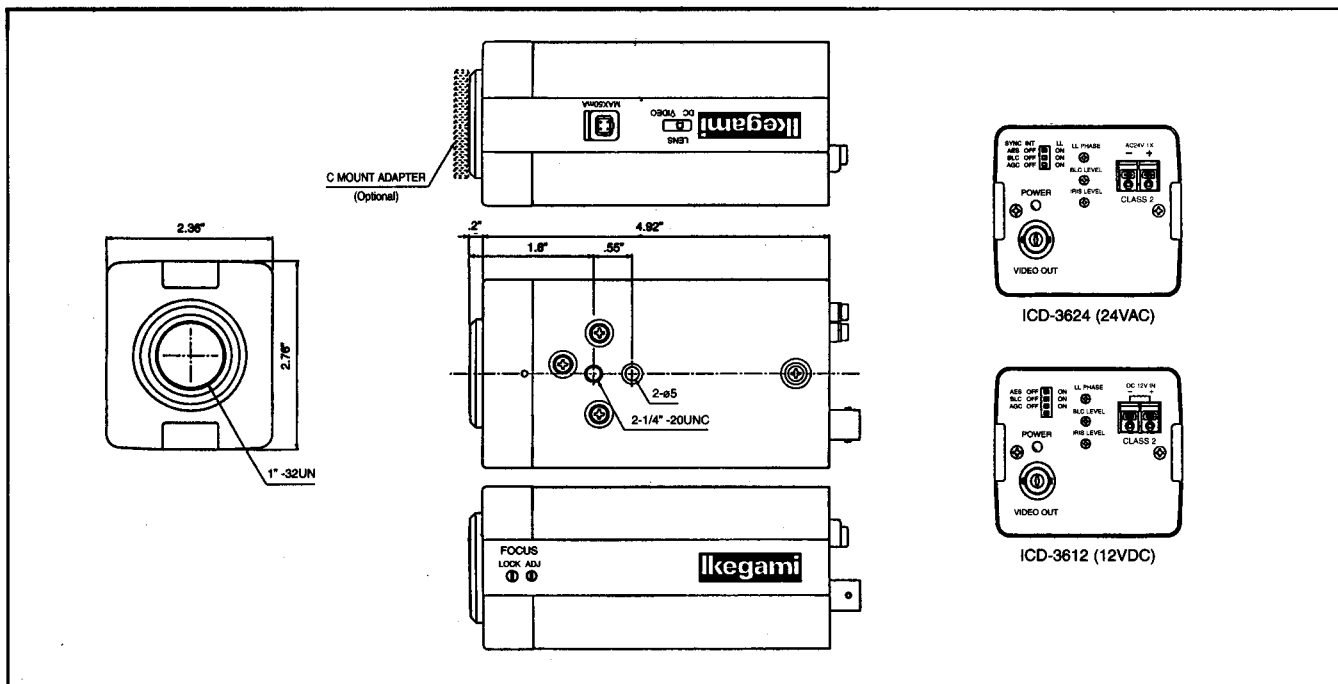
ICD-36 Series

1/3" CCD High Resolution
Black & White Video Camera

Specifications

Pickup Device	1/3" Interline Transfer (OCML) CCD	AESC	Built-in 1:800 (1/60 to 1/50,000 sec.) (ON/OFF Switchable)
Picture Elements	768(H) x 582(V), 447,000 Pixels	Auto Iris	Video Iris/DC Iris (Switchable)
Sensing Area	4.8mm(H) x 3.6mm(V)	Lens Mount	CS Mount (CMA-40 C Mount Adapter Option)
Sync System	INT/LL (Phase Adjustment) AC Model	Back Focus	Built-in Single Screw Adjustment (w/Lock)
Frequency	Horizontal: 15.75kHz Vertical: 60Hz	Mount	1/4" x 20UNC Top/Bottom
Video Output	VBS 1.0Vp-p/75 Ohm (BNC)	Power Requirements	AC24V ±10% (ICD-3624) DC12V ±1V (ICD-3612)
Scanning System	2:1 Interlace, 525 Lines/60Hz	Power Consumption	4W
Horizontal Resolution	570 TV Lines	Transformer	Isolation-Type (AC Model)
Illumination	Minimum Object 0.15 Lux/f1.4 75% Reflection	Ambient Temperature	13.5°F to 122°F
Signal-to-Noise	46dB (pp-rms) AGC ON	Dimensions	2.76"(W) x 2.36"(H) x 5.12"(D)
Gamma	0.45 Fixed	Weight	1.59 lbs.
White Clip	Built-in	Warranty	CCD: 5 Yrs. Parts/2 Yrs. Labor Camera Electronics: 2 Yrs. Parts & Labor
AGC	Built-in (ON/OFF Switchable)		
BLC	Built-in (ON/OFF with Level Adjustment)		

Dimensions



Design and specifications are subject to change without prior notice.

Safety agency approval:  Underwriters Laboratories Inc.®

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