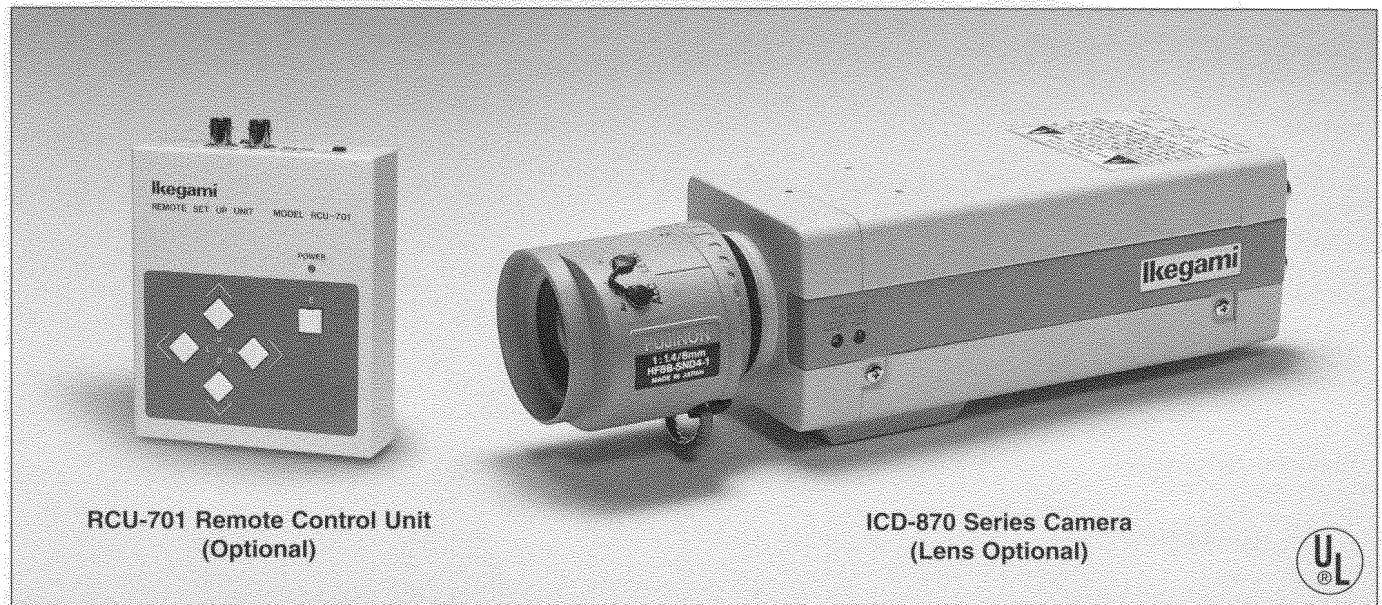


ICD-870 Series

Color Ultra-Low Light 1/3" Digital Signal Processing CCD Camera



RCU-701 Remote Control Unit
(Optional)

ICD-870 Series Camera
(Lens Optional)

■ Description

The Ikegami ICD-870 Series Digital Signal Processing Ultra-Low Light Color CCD Camera offers superior horizontal resolution of 480 TV Lines and an extremely low light sensitivity of .08 Lux at f1.4. With this level of performance the ICD-870 can truly go where no other color CCD camera has gone before.

The Ikegami ICD-870, through its advanced Digital Signal Processing, can provide a large list of unique and high performance features for all applications where superior color video reproduction is required.

The Ikegami ICD-870 is ideal for traffic monitoring, parking lot surveillance, vehicle identification, casinos, etc.

The Ikegami ICD-870 offers DSP functions such as Back Light Compensation, 16-digit alphanumeric display, on-screen menu for access to all camera setup functions, and with the optional Ikegami RCU-701 Remote Control Unit, the ICD-870 can be remotely setup for each individual application. A single RCU-701 even allows for remote phasing of any number of ICD-870 cameras for multiple camera applications

The Ikegami ICD-870 is available for operation in 24VAC/12VDC as the ICD-870/24 (dual voltage model), and 120VAC as the ICD870/20, UL listed and F.C.C. approved.

■ Features

- 1/3" Interline Transfer CCD
- DSP (Digital Signal Processing)
- 480 TV Line Resolution
- Minimum Illumination of .08 Lux (f1.4)
- Maximum 32X Electronic Sensitivity Up Function
- Line Lock Phase Adjustable (AC-type) with Genlock
- Composite Video and Y/C Outputs
- Accepts both Video and DC-type Auto Iris Lenses
- Auto Electronic Shutter Control 1/60 to 1/60,000 sec.
- Isolation-type Power Circuitry
- Automatic Back Light Compensation
- On-Screen Camera Setup Menu
- 16 Digit Alphanumeric Camera I.D.
- Remote Setup via Optional RCU-701
- ICD-870/24 (24VAC/12VDC), ICD-870/20 (120VAC)
- UL Listed F.C.C. Approved
- 5 Year CCD Parts Warranty

ICD-870 Series

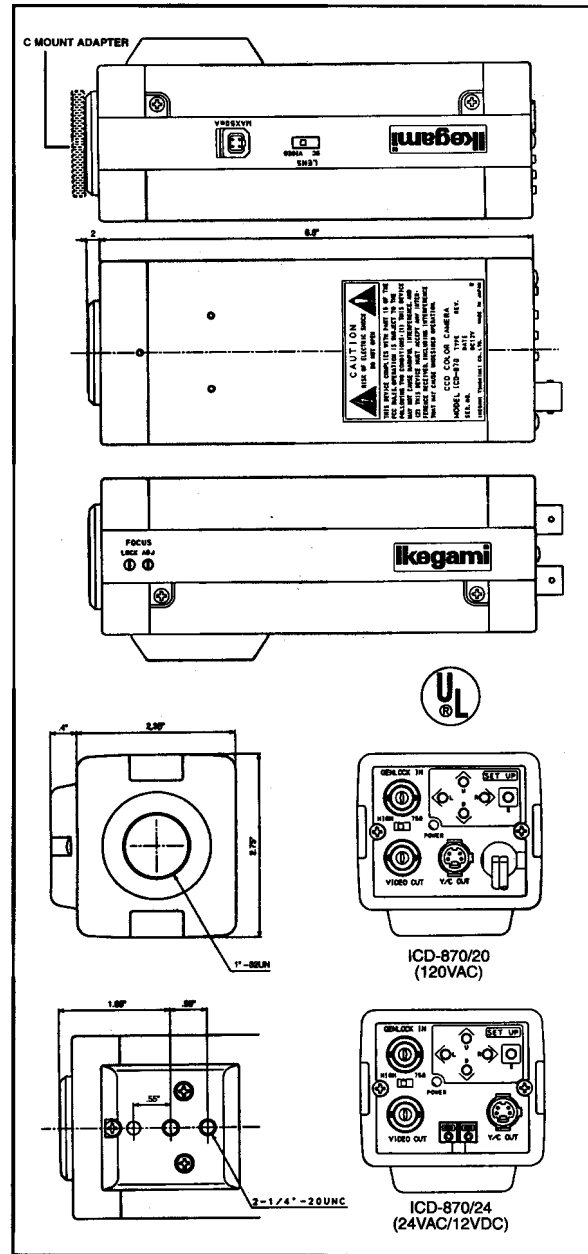
Auto Changeable Sensitivity

Color Ultra-Low Light 1/3" Digital Signal Processing CCD Camera

Specifications

CCD Image Sensor	1/3" Interline Transfer CCD
Picture Elements	768 (H) X 494 (V)
Scanning System	NTSC System
Sync System	INT/L.L./GENLOCK
	Line Lock with Phase Adjustment
Scanning Frequency	H: 15.734 KH, V: 59.94 Hz
Video Output	Composite: VBS 1.0 V (p-p) / 75 ohms
	Y/C Output
Genlock Input	VBS: 1.0 V (p-p) / 75 ohms
	BBS: 0.45 V (p-p) / 75 ohms
Resolution	H: 480 TVL
S/N Ratio	50 dB (p-p/rms)
	(Standard Illumination, DETAIL OFF)
Minimum Illumination	1) 2.0 Lux / f1.4 (Sens Up OFF / AGC ON)
	(AGC ON, 2,856° K, Reflectance factor 75%)
	2) 0.08 Lux / f1.4 (Sens Up ON / AGC ON)
AGC	Built-in (ON / OFF Switchable)
Sens Up Mode	1, 2, 4, 6, 8, 12, 16, 24, 32X
	Auto / Manual Switchable
Sens Up Control Mode	Moving / Picture Quality / Manual Switchable
AESC	Built-in (ON / OFF) 1/60,000 sec.
Electronic Shutter	1/60, 1/100, 1/125, 1/250, 1/500, 1/1,000,
	1/2,000, 1/4,000, 1/10,000 sec.
	(Cannot combine to use Sens Up and/or
	AESC Mode)
Backlight Compensation	Built-in (ON / OFF, w/Level Adjustable)
White Balance	ATW / AWC / MANUAL
Auto Iris	Video Iris or DC Switchable
Camera ID	Built-in 16 Digit Alphanumeric
Remote Setup	RCU-701 (Optional)
Lens Mount	C/CS Mount
Back Focus Adjustment	Built-in
Power Circuit	Isolated type
Power Supply	AC120V 60 Hz ±10%
	AC24V 60 Hz ±10%/ DC12V (10.5 to 15V)
	(Dual Voltage)
Power Consumption	Approximately 5W
Ambient Temp.	13.5° F ~ 122° F (-10°C ~ +50°C)
Weight	2.71 lbs.
Dimensions	2.75"(W) x 2.75"(H) x 6.50"(D)
Connector	VBS OUTPUT :BNC
	GENLOCK INPUT :BNC
	AUTO IRIS :4P
	Y/C OUT :4P
	AC24V / DC12V INPUT :2P Terminal
	AC120V / INPUT :Line Cord
Camera Mount	1/4" x 20UNC Top/Bottom Interchangeable

Dimensions



Design and specifications are subject to change without prior notice.

Ikegami IKEGAMI ELECTRONICS (U.S.A.), INC

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