

Ikegami

Giving Image New Value



NEW

Super Cube DSP Color Camera

ICD-505/505P

NEW

High Performance DSP Color Camera

ICD-508/508P



High Sensitivity

High sensitive 1/3 inch CCD with ON-Chip Micro Lens and high performance AGC signal processing. The camera delivers high sensitivity with a minimum illumination 0.35 lux/ F1.2

High Performance

Lower Smear level -110dB, low noise design and optimum detail compensation by DSP provide excellent 48dB S/N ratio also crisp and sharpness images. It is high resolution with over 480 TV lines.

Auto White Balance

Auto Tracking White Balance (ATW) is featured. Appropriate correction can always be achieved to compensate for changes in color temperature of the scene.

AES and BLC

Automatic Electronic Shutter (AES) and a high quality Back Light Compensation (BLC) are featured.

LL and INT Lock

The camera supports AC Line Lock and Crystal Internal Lock

AGC

Available Auto Gain Control (AGC) ON/OFF switch

Auto Iris Function

Selectable between Video auto iris, DC auto iris and Manual iris lenses.



NEW

High Performance Black & White Camera

ICD-38/38E

High Sensitivity

High sensitive 1/3 inch CCD with a minimum illumination of 0.07 lux/ F1.2

Mirror Image

Thanks to inverting a left and right image, ICD-38/ 38E can settle your reversed image problem with a prism or L-angle pinhole lens.

AES and BLC

Automatic Electronic Shutter (AES) and a high quality Back Light Compensation (BLC) are featured.

LL Lock

The camera supports AC Line Lock

Auto Iris Function

Selectable between Video auto iris, DC auto iris and Manual iris lenses.

Super Cube DSP Color Camera

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High Performance DSP Color Camera

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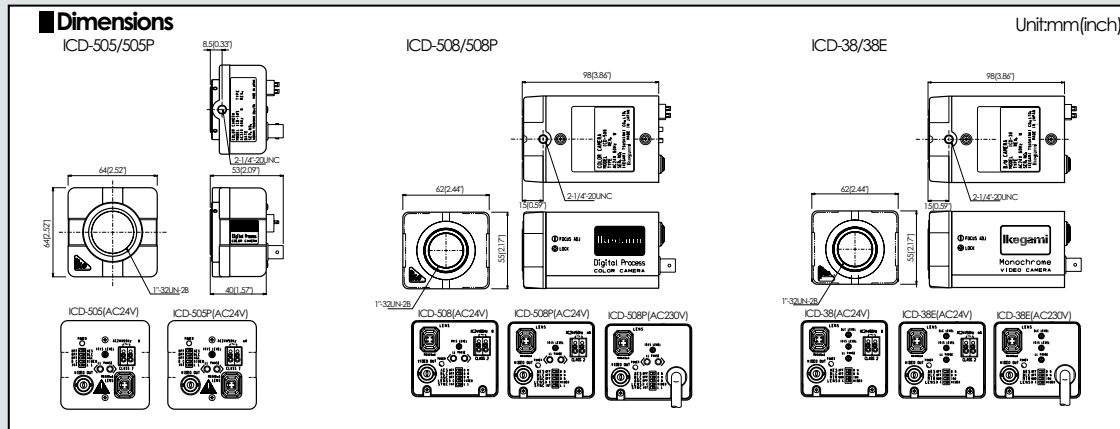
High Performance Black & White Camera

ICD-38/38E



Specifications

	ICD-505[NTSC]/505P[PAL]	ICD-508[NTSC]/508P[PAL]	ICD-38[EIA]/38E[CCIR]
Pickup Device	1/3 inch Interline Transfer CCD NTSC:768(H) × 494(V), approx. 380,000 pixels PAL:752(H) × 582(V), approx. 440,000 pixels		1/3 inch Interline Transfer CCD EIA: 512(H) × 492(V), approx. 250,000 pixels CCIR: 512(H) × 582(V), approx. 290,000 pixels
Scanning System	2:1 Interlaced NTSC or PAL standard		2:1 Interlaced EIA or CCIR
Sync System	INT/Line-Lock(Phase adjustment)		Line-Lock (Phase adjustment)
Frequency	INT:NTSC (H)15.734kHz (V)59.94Hz PAL (H)15.625kHz (V)50Hz Line-Lock:NTSC (H)15.750kHz (V)60Hz PAL (H)15.625kHz (V)50Hz		EIA (H) 15.75kHz (V) 60Hz CCIR (H) 15.625kHz (V) 50Hz
Video Output	VBS 1.0Vp-p/75ohms		VS 1.0Vp-p/75ohms
Horizontal Resolution	480 TV Line		380 TV Lines
S/N ratio	48dB		48dB
Minimum Illumination	0.35 Lux/F1.2		0.07 Lux/F1.2
White Balance	ATW (Automatic Tracking White Balance)		-
Back Light Compensation (BLC)	On/Off switchable		ON/Off switchable
AES	On/Off switchable, NTSC approx. 1:1600 PAL approx. 1:2000		ON/Off switchable EIA: 1:1600 CCIR: 1:2000
AGC	On/Off selectable		On/Off selectable
Auto Iris Function	Video Iris/DC Iris (Selectable)		Video iris/DC iris (Selectable)
Mirror Image Function	-		Built-in NOR/INV(Switchable)
Lens Mount	CS Mount (C mount adapter can be used)		CS mount
Flange Back Adjustment	Built-in		Built-in
Power Requirement	NTSC:AC24V ± 10% 60Hz PAL: AC24V ± 10% 50Hz	NTSC:AC24V ± 10% 60Hz PAL: AC24V ± 10% 50Hz PAL: AC230V ± 10% 50Hz	EIA: AC24V ± 10% 60Hz CCIR:AC24V ± 10% 50Hz CCIR:AC230V ± 15% 50Hz
Power Consumption	Less than 4W	Approx. 4W (AC24V) Approx. 4.5W (AC230V)	Approx. 4W (AC24V) Approx. 4.5W (AC230V)
Ambient Temperature	-10°C ~ +50°C (13.5° F ~ 122° F)		-10°C ~ +50°C (13.5° F ~ 122° F)
Camera Mount	1/4" 20UNC (each one for Upper/Bottom)		1/4" 20UNC (each one for Upper/Bottom)
Dimensions	W64 × H64 × D53mm (W2.52 × H2.52 × D2.09inch)	W62 × H55 × D98mm (W2.44 × H2.17 × D3.86inch)	W62 × H55 × D98mm (W2.44 × H2.17 × D3.86inch)
Weight	Less than 300g(0.66lbs)	AC24V:Less than 400g(0.88lbs.) AC230V:Less than 800g(1.76lbs.)	AC24V:540g (1.19lbs.) AC230V:760g (1.68lbs.)
Input/Output Connector	Video Output : BNC Lens:4P (Plug E4-191J-150 or equivalent) AC24V Input:2P push terminal		Video Output:BNC Lens:4P (Plug type E4-191J-150 or equivalent) AC24V Input 2P terminal
Accessories	Operation Manual Lens Connector Plug 1 piece (for EC/AO) (E4-191-J-150 or equivalent)		Operation Manual Lens Connector Plug 1 piece(E4-191-J-150 or equivalent)



Design and specifications are subject to change without notice.

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