

Ikegami

ISD-A15

Hyper Wide Light Dynamic
Compact Cube Day/Night Camera



HYPER HD DYNAMIC

As the newest addition to the Ikegami Hyper Dynamic Camera Series, Model ISD-A15 features an extremely wide light dynamic range, high sensitivity and high resolution enabled by a 1/3-inch Pixim Seawolf sensor and Ikegami's digital processing technology. It is a Hyper Wide Light Dynamic Range Box Camera that reproduces a clear and natural image even in locations where there is a significant difference in the intensity of illumination, such as window areas, or in lobby entrances of buildings.

ISD-A15 comes with a compact cube body, giving it the flexibility for a broad array of locations and equipment, such as ATM machines and outdoor housings.

FEATURES

Hyper Wide Light Dynamic Range (Hyper WDR)



The Hyper WDR function provides for very effective compensation of high light and dark areas in screen. This situation may occur generally outside or viewing from indoor to outside scenes. Even in large light fluctuations, bright-and-dark objects can be captured and viewed clearly with a natural color.

Compact Body of Super Cube

This camera comes with a compact cube body, that is suitable for the locations such as ATM machines.



Focus EZ Function

Thanks to the Level Indicator, a focusing point is visibly recognized. The auto iris lens aperture will be kept open, even in broad daylight. This ensures that an accurate focus can be set readily with the best depth of field.

High-quality Picture and High Resolution



The camera is designed for smear-free imaging and low noise. The well-designed DSP, Digital Signal Processor, effectively enhances details, which achieves crisp and sharp images with a high signal-to-noise ratio. The high resolution of a horizontal resolution of 520TVL (690 HTVL-Effective) is assured.

Scene File Function (4 positions)

Along with a normal setting (NORMAL), 4 position scene file (preset file) for each particular scene is provided. Using this function enables an easy setup suitable for a scene without any special adjustment.

ISD-A15

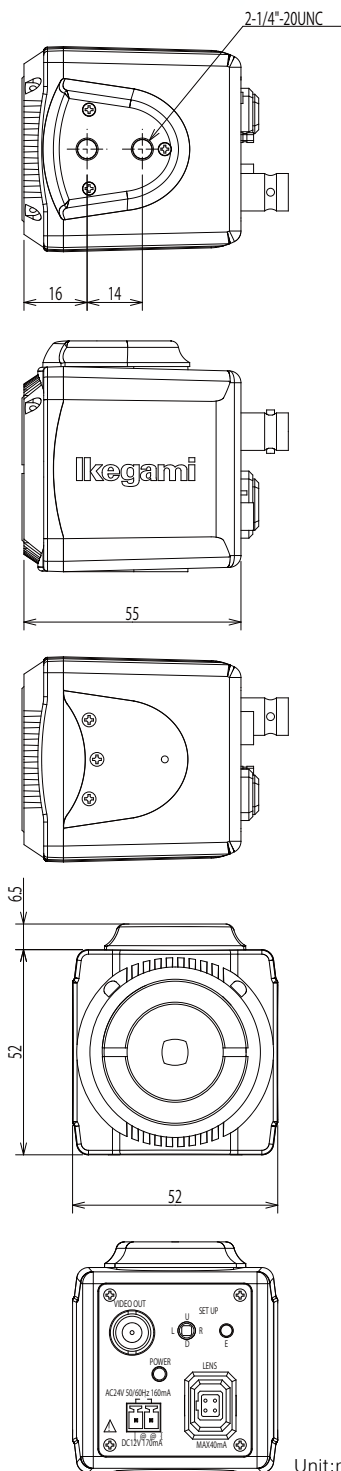
Hyper Wide Light Dynamic
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Specifications

Image Sensor	1/3-inch DPS CMOS sensor
Pixel Number	Approx. 410,000 pixels, 768 (H) x 540 (V)
Scanning System	NTSC: 525 TV lines/59.94 Hz, 2 : 1 interlaced PAL: 625 TV lines/50 Hz, 2 : 1 interlaced
Sync System	Internal Sync (Crystal Lock), External Sync (AC Line Lock)
Video Output	VBS 1.0 Vp-p/75 ohms
Horizontal Resolution	520 TV lines (690 HTVL-Effective)
S/N Ratio	50 dB (p-p/rms) or better
Minimum Illumination	0.3 lx/F1.4 (Electronic Sens. Up OFF, VBS Output 50%)
Day & Night Function	Built-in, AUTO/MANUAL selectable True Day/Night (ISD-A15-TDN), Digital Day/Night (ISD-A15)
Wide Dynamic Range	Built-in, and Variable
AGC	ON (AGC, HYPER-AGC) / OFF (LOW, MID, HIGH), selectable
Electronic Sensitivity Control	Built-in, ON (AUTO) / OFF selectable (Maximum 32 times)
White Balance Control	ATW/ATWex/AWC/MANU, selectable
Detail Correction	Built-in
Digital Noise Reduction	Built-in, On / OFF selectable (DNR Function)
Color Rolling Reduction Function	Built-in, On / OFF selectable (CRR Function)
Privacy Masking	Built-in (Maximum 8 zones)
Monitor Output Selection	Built-in, CRT / LCD Selectable
Camera ID	Up to 24 characters (alphanumeric and symbols)
Remote Setup Function	Available (with an optional Remote Setup Unit)
Lens Mount	CS Mount (C Mount adaptor is available as an option.)
Auto Iris Function	DC Iris (DC Iris level adjustable)
Lens Flange Focus	Built-in and adjustable
Power Requirement	AC24V $\pm 10\%$, 50/60Hz DC12V (10.5 to 15V)
Power Consumption	2.2W
Operating Temperature and Relative Humidity	-10 to +50°C (13.5 to 122°F), RH 30 to 90% (No Condensation)
Dimension (W x H x D)	52 x 52 x 55 mm (2.05 x 2.05 x 2.16 inches), excluding protrusions
Weight	200g (Approx. 0.44 lbs)
Input/Output Connectors	VIDEO OUT -- BNC LENS -- 4P (applicable plug E4-191J-150 or equivalent) DC12V/AC24V input -- 2P
Standard Accessories	Instruction Manual, Hexagonal Wrench for flange focus adjustment

* Specifications and design are subject to change for product improvements without notice.

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Unit:mm

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