

# Ikegami

## Hyper-Dynamic, High Resolution Mini Cube Camera **ISD-A12**



This is Ikegami's new Hyper Wide Light Dynamic Range 1/3-inch DPS (Digital Pixel System) camera. It is designed for ATM, Banks and a general purpose CCTV system applications. The ISD-A12 is manufactured by Ikegami Tsushinki Co. Ltd. in Japan where the factory is approved by the quality management system complying with ISO-9001 standard, as well as the environmental management system standard ISO-14001.

### Features

- 1/3" Pixim DPS Sensor is employed.
- Horizontal Resolution 480TV Lines
- Over 95dB Hyper Wide Light Dynamic
- NTSC or PAL Selectable in menu
- S/N Ratio 50dB or better
- Providing 4 corner-mounting with a mini-slot for dual position mount on 27mm and 28mm centers.
- Intelligent AGC Auto Gain Control System
- Automatic White Balance (ATW)
- Smart DNR-Digital Noise Reduction
- OSD Menu Settings (using Optional Remote)
- DC12V Power (Optional AC24V-DC12V Adaptor)
- Various Lens Options

Part Number	Lens Built-in
ISD-A12-25	2.5mm F2.0
ISD-A12-29	2.9mm F2.0
ISD-A12-36	3.6mm F2.0
ISD-A12 Type 31	2.9mm ~ 10mm Vari-Focal
ISD-A12 Type 92	9mm ~ 22mm Vari-Focal

# ISD-A12 Hyper Dynamic, High Resolution Miniature Camera

■ ISD-A12 Type31 or Type92  
Basic Model:



■ PAC-A12-OD (Built in ISD-A12 Type31)  
Outdoor/Indoor Bullet Type:



■ PAC-A12E-25 (Built in ISD-A12-25)  
Indoor Elevator Type:



■ KIT-ISD-A12-Type31-ID or Type92-ID  
Indoor box Type:



## Specifications

Device:	1/3" DPS CMOS Sensor
Effective Pixels:	720(H) x 540(V) Approx. 390,000 pixels
Scanning System:	NTSC: 525 lines/59.94Hz:1 Interlaced PAL: 625 lines/50Hz, 2 Interlaced
Sync Method:	Internal Sync (Crystallo)
Video Output:	VBS 1.0Vp-p/75ohms
Horizontal Resolution:	480TV lines
S/N Ratio:	50dB (p-p/rms) or more
Minimum Object Illumination:	ISD-A11-XX: 2 Lux ISD-A12 Type31: 0.6 lux ISD-A12 Type92: 0.9 lux
WDR Function:	Provided (*)
AGC:	On/Off Selectable(*)
Electric Sensitivity Up:	On/Off Selectable(*)
White Balance:	ATW/ATWex, /AWC/MANU( *)
Detail Correction:	Provided (*)
Noise Reduction:	Provided (*)
Flicker Less Function:	Provided (*)
Privacy Mask Function:	Provided (*)
Camera ID:	Provided (*)
Power:	DC12V +/-10%
Power Requirement:	ISD-A12-XX: DC12V, Approx. 1.8W/160mA ISD-A12-XX, DC12V, Approx. 2.1W/180mA
External Dimensions (mm):	ISD-A12-25: 40 x 40 x 42.6mm ISD-A12-29: 40 x 40 x 38.5mm ISD-A12-36: 40 x 40 x 37.8mm ISD-A12 Type31: 40 x 40 x 66.4mm ISD-A12 Type92: 40 x 40 x 65.9mm
Weight:	ISD-A12-XX: Approx. 115g (less a lens) ISD-A12 Type 31/92: Approx. 120g (less a lens)

(\*): Using optional PCB board ISD-A12-OP-1.  
Specifications are subject to change without notice.

## Lens Types

Model Name	Lens Mount	Focal Length	Angle (H)	Angle (V)
ISD-A12-25	M12	2.5mm	113.4°	85.9°
ISD-A12-29	M12	2.9mm	96.0°	71.0°
ISD-A12-36	M12	3.6mm	63.0°	53.0°
ISD-A12 Type31	14 Straight	2.9mm ~ 10mm	94.6° ~ 28.8°	68.4° ~ 21.6°
ISD-A12 Type92	14 Straight	9mm ~ 22mm	30.6° ~ 13.0°	22.6° ~ 9.8°

# Ikegami

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