

Ikegami

HYPER HD DYNAMIC

Hyper Dynamic, Super Cube DSP Color Camera

ISD-A10



It realizes wide range of backlight compensation with 95dB typical/120dB maximum of Wide Dynamic Range (WDR) function. Even in senes of wide range illuminance, it has capability to see a high contrast subject in a natural state.

Features

ISD-A10 is single chip color camera employing a new 1/3-inch DPS (Digital Pixel System) imager, which realizes a high performance and multi functions. Especially it provides a high performance of Hyper Dynamic and smearless picture under the backlight condition. This camera provides satisfactory performance and functions for the surveillance applications like Wide Dynamic Range, 2-way auto iris, auto-white balance and etc.

ISD-A10



■ Features

● Wider range of visible scene in real time

The new DPS Imager has an exceptionally wide dynamic range. This allows scenes to be handled that have wide range of luminance, varying from dark to very bright.



Conventional Camera



ISD-A10

● Against for strong light !

The image provided is smear-less even in the presence of strong light. A high level of detail can be observed in the picture even under this condition.



Conventional Camera



ISD-A10

● Catch the image of Fast moving object

Fast moving objects can be captured under low light conditions.



Normal Wide Dynamic Camera



ISD-A10

■ Specifications

- Image Pickup Device 1/3-inch DPS Imager
- Sync. Internal / Line-lock
- Horizontal Resolution 480TV Lines
- S/N Ratio 50dB
- Minimum Sensitivity 1.0 Lux/F1.4, 0.75 Lux/F1.2(AGC ON)
0.03 Lux/F1.4, 0.022 Lux/F1.2
(32 times sensitivity up)
- AGC ON (AGC, Hyper-AGC)
OFF (Low/Mid/High) Selectable
- Video Output NTSC/PAL selected by a menu
- Electric Sensitivity-Up Auto (Maximum 32 times)
- White Balance ATW/ATW-ex/AWC/Manual Selectable
- WDR Function 36 steps level available
- Iris Level Auto Adjustment
- Camera ID Maximum 24 characters (Alphanumeric and symbols)
- Lens Mount CS Mount
- Power Supply AC24V±10% 50/60Hz or DC12V(10.5~15V)
- Dimensions (WHD) W64 x H64 x D63mm
- Weight 350g (0.77 lbs) approx.

Appearance

Side View:



Rear View:



Design and specifications are subject to change without notice.



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

URL <http://www.ikegami.com>

**HEADQUARTERS
WESTCOAST OFFICE**

37 Brook Avenue, Maywood, NJ 07607 Phone (201)368-9171 Fax (201)569-1626
2631 Manhattan Beach Blvd., Redondo Beach, CA 90278
Phone (310)297-1900 Fax (310)536-9550

**SOUTHWEST OFFICE
MIDWEST OFFICE
SOUTHEAST OFFICE**

773 Bearden Road, Waxahachie, TX 75167 Phone (972)869-2363 Fax (972)556-1057
747 Church Road, Unit C1, Elmhurst, IL 60126 Phone (630)834-9774 Fax (630)834-8689
5200 N.W. 33rd Avenue, Suite 111, Fort Lauderdale, FL 33309
Phone (954)735-2203 Fax (954)735-2227