

ISD-200HD / IPD-BX200HD

FULL HD WIDE DYNAMIC RANGE CAMERA

GIVING NEW VALUE TO IMAGES

Iridix Wide Dynamic Range

Features:

- 1/3 inch Full HD 1920×1080 CMOS sensor
- 50/60fps high speed readout
- IR cut filter Day/Night
- HD-SDI output type and H.264 IP network type



ISD-200HD (HD-SDI Type)

Iridix

Iridix technology employs the algorithm based on the retina of the human eyes which is the smartest function for dynamic range adjustment. It analyses images at each pixel and calculates the most proper conversion curve. As the result, the camera can provide the high quality natural image with the real time correction.

(※ It is different from the Gamma correction which may collapse the balance of the color and contrast.)

※iridix is a trademark of Apical.



HD-SDI output

It is the most suitable for the real time application without any . The HD signal can be transmitted by only one coaxial cable and it can easily upgrade the system from conventional analogue to Full HD solution.

1) ISD-200HD HD-SDI output type



2) IPD-BX200HD H.264 IP Network type



- Sensor 1/3 inch CMOS sensor
- Effective Pixel Number 1920 × 1080 (Full HD)
- Aspect Ratio 16 : 9
- Horizontal Resolution 900 TV line or more (HD-SDI)
- Minimum Illumination Color 0.6 lx/F1.4 (HyperAGC ON, Iridix ON, 50IRE)
B/W 0.3 lx/F1.4 (HyperAGC ON, Iridix ON, 50IRE)
- Color and B/W switch Auto, Manual, Remote
- High Speed Shutter 1/50 sec ~ 1/10000sec
- Lens Mount CS mount
- External Control RS-485
- Iris Control DC/Video 2way auto iris
- DRC Technology iridix
- Privacy Mask ON / OFF (max 8 zones setting)
- Digital Output (ISD-200HD only)
HD-SDI 1080i (59.94/50) , 720P (59.94/50)
- IP Output (IPD-BX200HD only)
RJ45 Connector 10BASE-T / 100BASE-TX
Resolution 1920 x 1080
Compression H.264 / JPEG
Frame Rate 30/15/10/5/3/2/1 (JPEG)
Bit Rate 1 Mbps – 12 Mbps
- Analogue Output
1Vp-p Composite signal 75 Ω BNC
- Synchronization Internal or External
- Power Supply DC12V
- Size 78(W) × 58(H) × 160(D)mm

Options

MLW-2625C 26 inch
HD-SDI input LCD HD monitor



MLW-2420CS 24 inch
HD-SDI input LCD HD monitor



IEN-200HD, IDE-200HD
HD-SDI input
H.264 HD encoder/decoder



NVR-Q2500
H.264 Network recorder



Market	Application	Benefits
Surveillance	Train Banking Casino	Real time application Easy upgrade from analogue to Full HD quality systems
Image processing	Vehicle plate number reorganization Traffic surveillance	Wide area observation by 16:9 HD aspect ratio Human face recognition with high resolution
Medical	Operation room Slit lamp	High contrast by iridix, even seeing darker area
Broadcast	Sports Remoteness	Diversified images

● Design and specifications are subject to change without notices

PROFESSIONAL FOR PROFESSIONALS

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