

Preliminary

Full-HD Wide Dynamic Range Camera

Model ISD-220HD

Features

- High sensitivity and high resolution 1 / 3 CMOS sensor
- Resolution: CS mount lens adaptive 1920 x 1080
- Scanning: Progressive
- Smear-less / Automatic Electronic Shutter
- Backlight correction / Internal Sync
- Auto White Balance / Auto Iris (DC Iris)
- Privacy masking
- RS-485 I/F / Flange focus adjustable
- Focus EZ Function



Preliminary

Specification

Image sensor: 1 / 3 inch CMOS

Resolution: 1920x1080

Scanning System: Progressive

Sync System: Internal Sync (Crystal-lock)

Video Output (BNC): HD Output: HD-SDI (1920x1080, 59.94i / 50i / 29.97p / 25p)

SD Output: VBS

Minimum Illumination: 59.94i / 50i Mode

0.7 Lx / F1.4 (Video Output 50%, Electronic Sensitivity Control OFF, Color)

0.022 Lx / F1.4 (Video Output 50%, Electronic Sensitivity Control x32, Color)

0.07 Lx / F1.4 (Video Output 25%, Electronic Sensitivity Control OFF, Monochrome)

0.0022 Lx / F1.4 (Video Output 25%, Electronic Sensitivity Control x32, Monochrome)

29.97p / 25p Mode

0.35 Lx / F1.4 (Video Output 50%, Electronic Sensitivity Control OFF, Color)

0.011 Lx / F1.4 (Video Output 50%, Electronic Sensitivity Control x32, Color)

0.035 Lx / F1.4 (Video Output 25%, Electronic Sensitivity Control OFF, Monochrome)

0.0011 Lx / F1.4 (Video Output 25%, Electronic Sensitivity Control x32, Monochrome)

Electronic Sensitivity Control: Auto / Manual selectable (Max. 32 times)

Day & Night function: True Day / Night based on Removable IR-cut filter, Auto / Manual selectable

AGC: ON / OFF (LOW, MID, HIGH) selectable

White Balance Control: ATW1 / ATW2 / AWC / MANUAL

WDR Function: Built-in, ON / OFF selectable

Detail Correction: Built-in

Noise Reduction: Built-in, ON / OFF selectable

AES:

Electronic Shutter:

Auto Iris control: DC Iris

Focus Assist: Focus EZ Function

Privacy Masking: Built-in (Zone setting max 8 points)

Lens Mount: CS mount

Flange Focus Adjustable: Remote adjustment, RS485 I/F

External Dimension (W / H / D): 70 x 65 x 140 mm (2.75 x 2.56 x 5.51 inches)