

NV-50-M-G-SDI

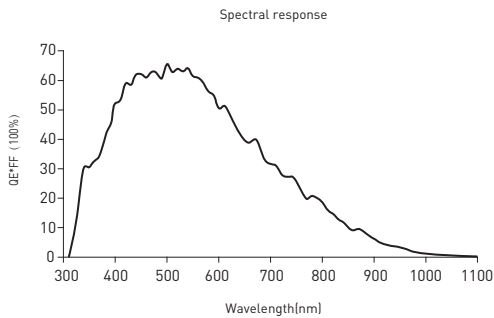
INDIGO

Low Illumination Global Shutter CMOS Camera

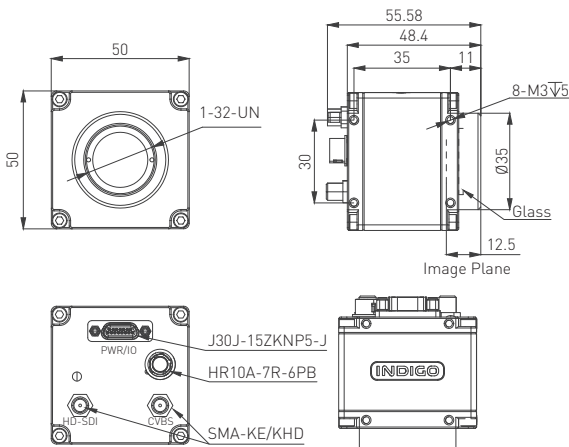


Product Advantages

- HD-SDI、PAL / SMA Connector
- 5μm x 5μm
- 1920 x 1080 @ 30fps max
- RS422、CAN、OEM
- Support Online Upgrade
- -40 C ~ 60 C



Product Structure (mm)



Technical Specification

Model	NV-50-M-G-SDI
Sensor	GMAX2509
Sensor size	2/3" (9.6mm x 5.4mm)
Color	Monochrome
Frame Rate	30fps @ 1920 x 1080
Pixel size	5μm x 5μm
Peak QE	65% @ 500nm
Dynamic Range	> 65dB
Full-Well Capacity	> 16ke-
SNR	> 42dB
Readout Noise	< 4e-
Data Bit Depth	10bit
Exposure Time	4us ~ 1/Frame Rate
Trigger Mode	Free Run, External Trigger
Image Processing	Automatic exposure, Automatic Enhancement, 2D noise reduction, ROI, DPC, Gamma, Flip
Optical Interface	CS / C
Data Interface	HD-SDI、PAL / SMA Connector
Trigger Interface	RS422 / J30J-15ZKN Connector
Input Voltage	9VDC ~ 15VDC
Power Consumption	< 5W
Dimensions	50mm x 50mm x 56mm (camera) 30mm x 30mm x 34mm (module)
Weight	< 170g (camera) < 50g (module)
Working Temperature	-40°C ~ 60°C
Storage Environment	-55°C ~ 70°C

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