

EHD IMAGING GMBH

NIR-Camera

1.3Megapixel XQE CMOS extended NIR Camera System

EHD-130NIR-X

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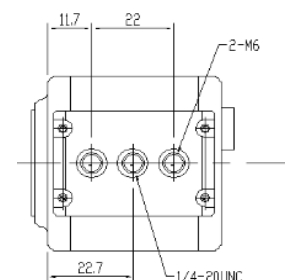
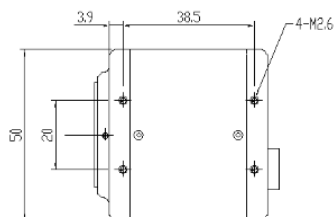
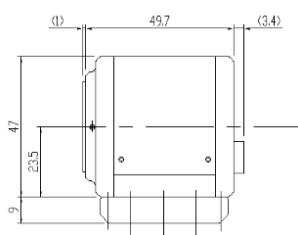
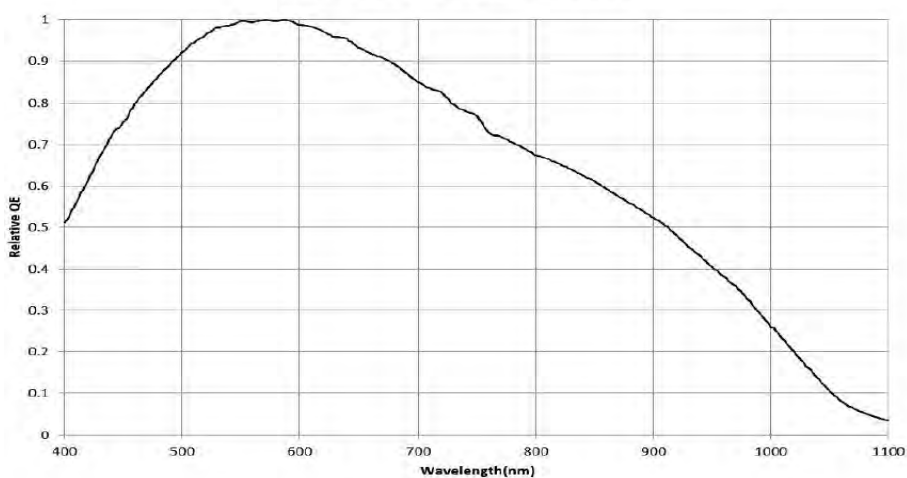
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Key Features:

- 1,3MPixel
- SiOnyx XQE CMOS
- 400nm -1200nm
- 1mLux at F1.4
- 28fps
- USB2.0
- Trigger input opt
- Software SDK
- Application-Software

SPECTRAL SENSITIVITY

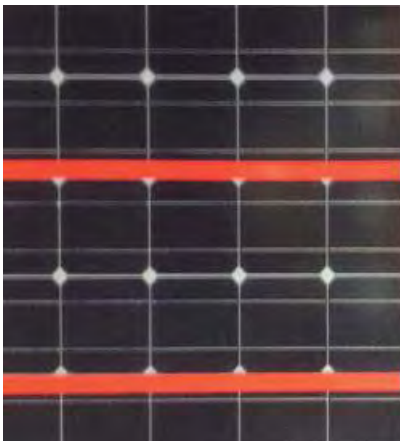


Specifications: EHD-130NIR-X

Image Sensor	1" 1,3Megapixel SiOnyx XQE-1310
Resolution	1280 x 1024
Pixel Size (H x V) μm	10 x 10
Active Sensor Size (H x V) mm	12.8 x 10.2
Detectivity	39.57V/lux-sec @550nm
Shutter Mode	Rolling Shutter
Read noise	3e ⁻ RMS
Exposure Control	31 μs ~ 1.029s
Frame Rate	28fps (8 bit) / 14fps (12 bit)
External Trigger Input	Optional BNC connector
Lens Mount	C-Mount
Operation Temperatur	0°C ~ 35°C
Power Source	DC5V USB powered
Power Consumption	<2.5W
Dimensions (WxHxD) mm	50 x 47 x 41.7
Weight (without lens)	110g

Example of solar cell defect inspection

Visible



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