

EHD IMAGING GMBH

# NIR-Camera

0.92 Megapixel XQE CMOS extended NIR Camera System

## EHD-092NIR-X

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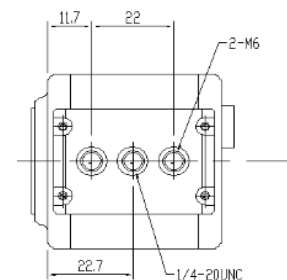
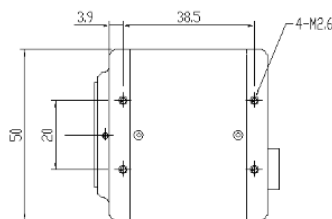
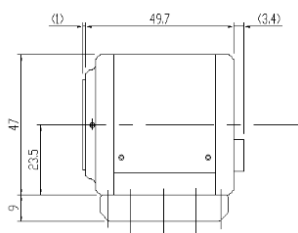
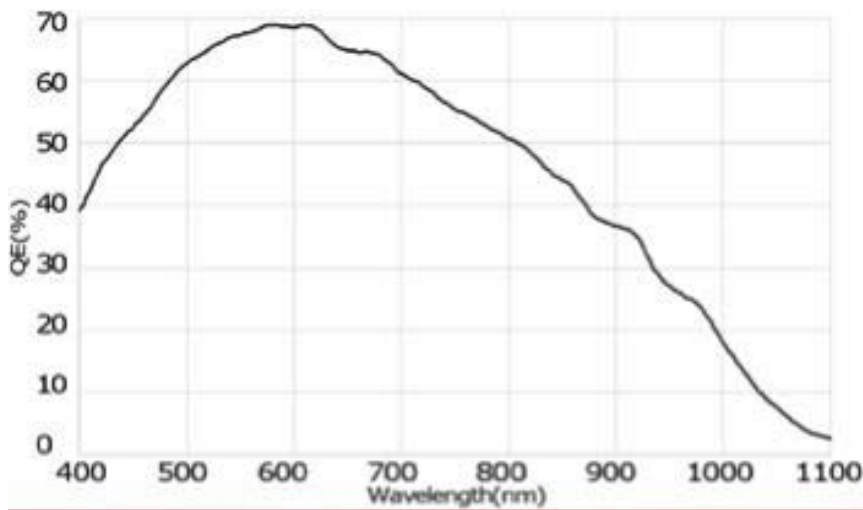
### Key Features:

- 0.92MPixel
- SiOnyx XQE CMOS
- 400nm -1200nm
- 1mLux at F1.4
- 40fps
- USB2.0
- Trigger input opt
- Software SDK
- Application-Software

### Optional

- Longpass Filter

RG1000  
 RG850  
 RG830



## Specifications: EHD-092NIR-X

Image Sensor	1/2" 0.92Megapixel SiOnyx XQE-0920
Resolution	1280 x 720
Pixel Size (H x V) $\mu\text{m}$	5.6 x 5.6
Active Sensor Size (H x V) mm	7.14 x 4.03
Detectivity	14.99V/lux-sec @550nm
Shutter Mode	Rolling Shutter
Read noise	2.2e- RMS
Exposure Control	30 $\mu\text{s}$ ~ 0.967s
Frame Rate	40fps (8 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 inspectionnn

Visible

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