ContrasTech

LEO Series Area Scan Cameras

USB3 VISION

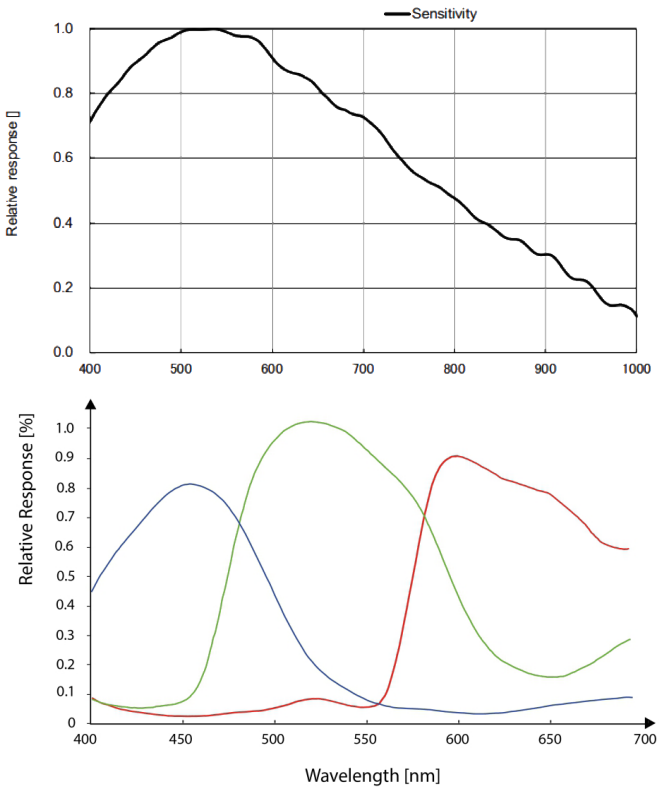
LEO 4020S-28um/21uc-BL

- 12MP resolution @28 fps(Mono) / 21fps(Color)
- USB 3.0 interface with plug and play capability， USB3.0 power supply
- Compatible with USB3 Vision Protocoll, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows and Linux

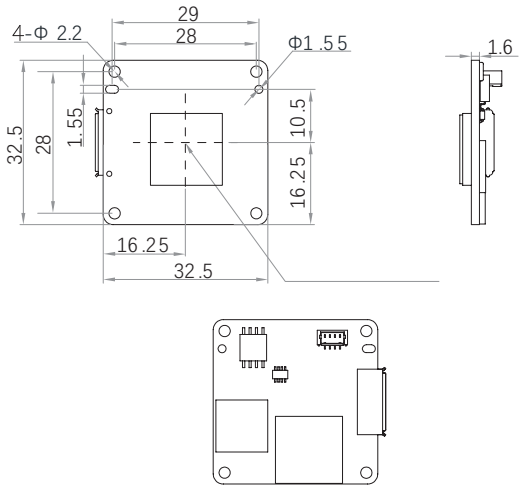
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	LEO 4020S-28um/21uc-BL
Resolution [H*V]	4000 × 3036
Sensor	Sony IMX226
Sensor Size	1/1.7"
Sensor Tecchnology	Rolling, CMOS
Pixel Size [μm]	1.85 × 1.85
Frame Rate [fps]	Monochrome： 28 Color： 21
Data Bit	8bit / 10bit / 12bit
Exposure Time	Monochrome： 11μs~2s Color： 23μs~2s
Dynamic Range	>70dB
Mono/Color	Mono/Color
Image Format	Monochrome： Mono8/10/10p/12/12p Color： Mono 8/10/12,Bayer RG 8/10/10p/12/12p, YUV422Packed,YUV422_YUYV_Packed,RGB8
Interface	USB 3.0
Synchronization	Via hardware trigger、software trigger or free run mode
Programmable Control [ISP]	Image resolution、RGB gain、Exposure time、Contrast ratio、Gamma form、Image rollovers、Raw、 LUT、Black level correction
Housing Size [l*w*h]	32.5 × 32.5 × 1.6 mm (10g)
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)
Lenses Mount	/
Digital I/O	bi-directional custom non-isolated I/O x 2
Power Input	Supporting USB3.0
Power Consumption	5V @<2.5W
Driver	LEO Series Camera Software Suite or 3rd party USB3 Vision Software
Operating System	Windows,Linux
Conformity	USB3 Vision,GenICam

Spectral Response



Dimensions



No.8, Xiyuan 9th Road West Lake District, Hangzhou 310030 China
Tel: 86-571-89712238 Web: www.contrastech.com
Email: market@contrastech.com

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