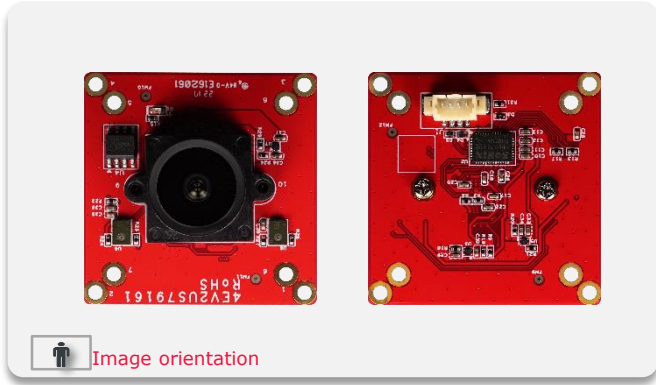


EV2U-SGR1 USB2.0 Fixed Focus Camera Module

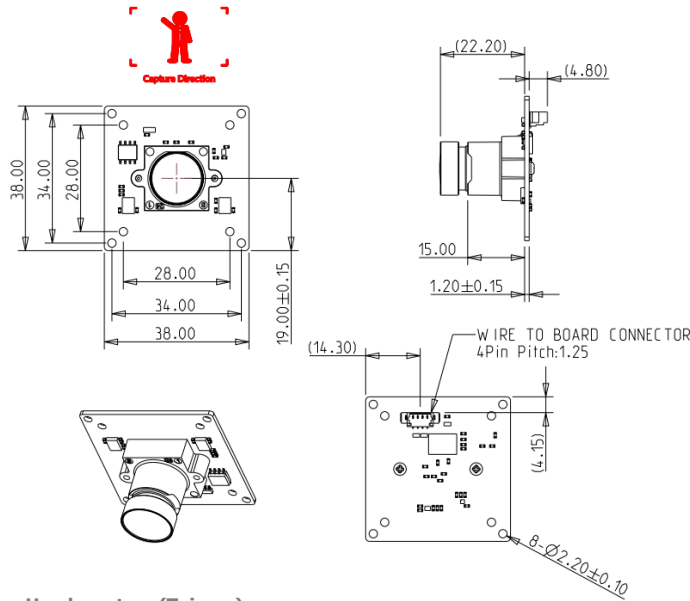


Features

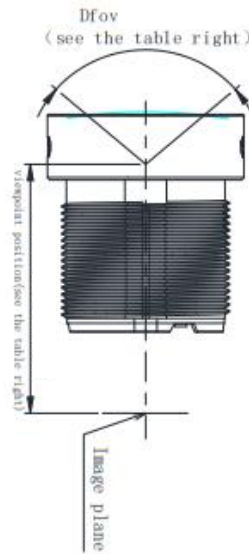
- 1920x1080@30fps
- Lens D/H/V FOV:121°/102°/54°
- Low light condition
- OS Support: Windows, Linux, Android, MacOS (UVC)
- Compliant to USB2.0 and USB Video Class
- Complies with CE/FCC Class A

Mechanical Drawing

Mechanical Drawing



Lens Specification



Items	Specification
F No.	1.6 ± 10%
Focal Length	3.28 ± 5%
Optical Back Focal Length	6.83 ± 0.2mm (in air)
Mechanical Back Focal Length	6 ± 0.2mm (in air)
TTL	22.27 ± 0.2mm (in air)
Image Circle	∅7 (MAX)
Lens Structure	2G4P
Mount	M12*P0.5
DFOV	121°

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February 15, 2024

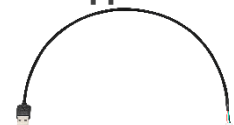
Specifications

Resolution	1920x1080 @ 30fps
Output I/F	USB2.0
Power consumption	Approximate 1W
Dimension (WxLxH)	38 x 38 x 22.2 mm
Operating Temp.	-20°C ~ +70°C
Sensor Size	1/2.9"
Pixel Size	2.8um
Lens type	Fixed focus (M12)
Lens D/H/V FOV	121°/102°/54°
OS Support	Windows, Linux, Android, MacOS

Order information

EV2U-SGR1-MMC1-C1
USB2.0 Fixed Focus Camera Module
EV2U-SGR1-MMC1-C2
USB2.0 Fixed Focus Camera Module, with DMIC
7W2000000150
USB2.0 cable 1 meter, 4 pins, pitch 1.25mm

Cable appearance



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