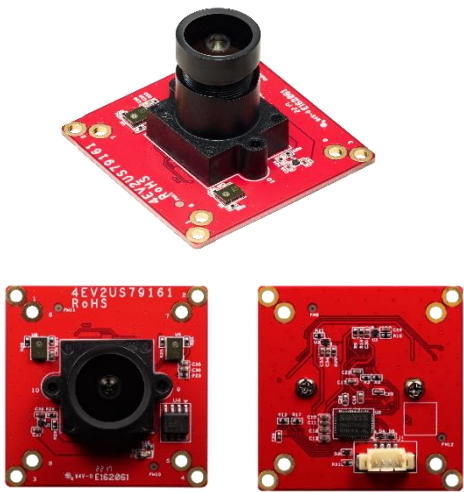




EV2U-SGR1

USB 2.0 2MP Fixed Focus Camera Module

HIGHLIGHT FEATURES

- USB 2.0 Interface, 1920x1080 @30fps (Max Resolution)
- Support Low light condition, ISP inside
- Lens FOV (D/H/V) : 121°/102°/54°
- OS Support: Windows, Linux, Android, macOS (UVC)
- Compliant to USB 2.0 and USB Video Class
- Complies with CE/ FCC Class A

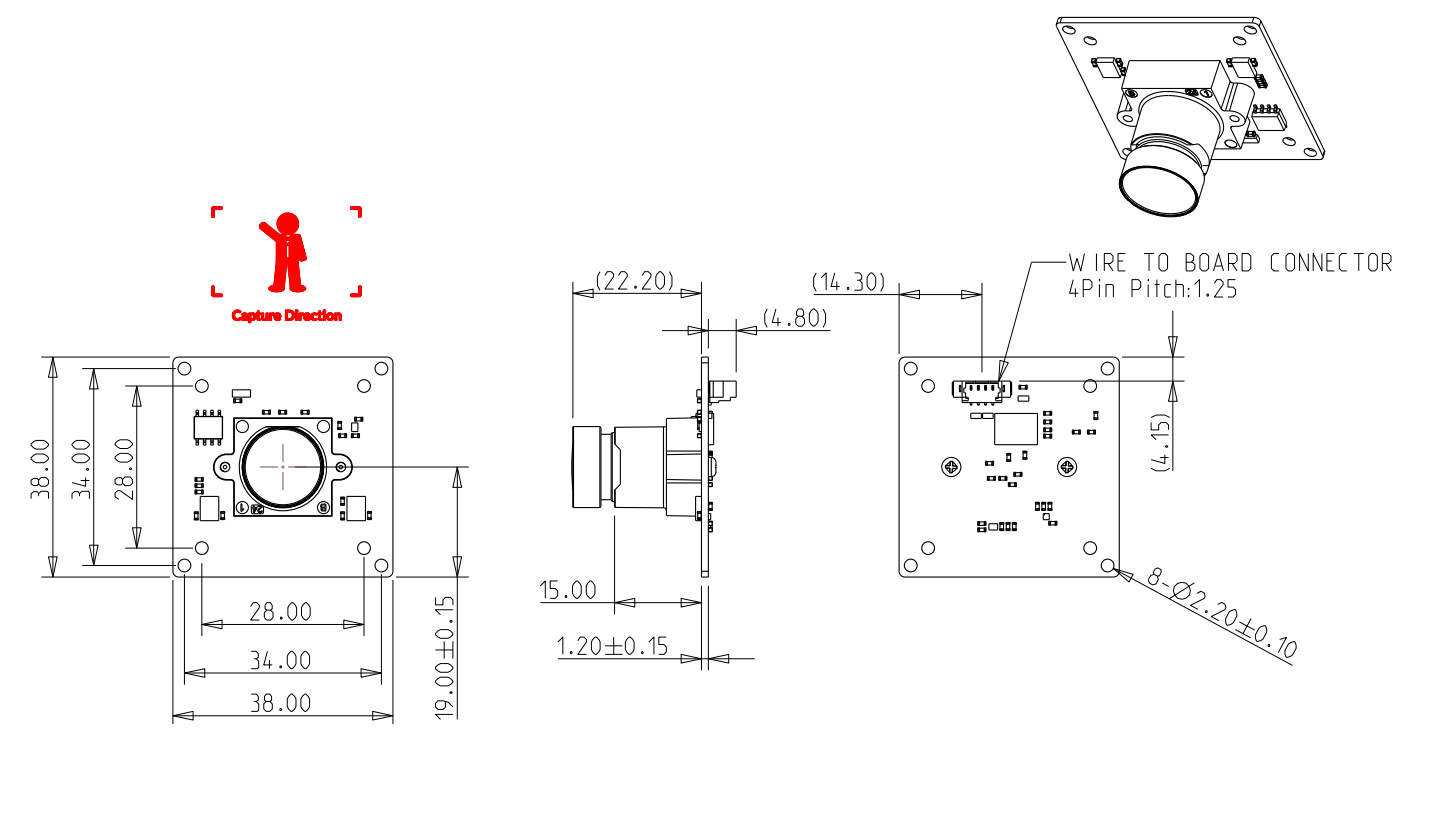
SPECIFICATIONS

Model Name	EV2U-SGR1
Module Type	USB 2.0 2MP Fixed Focus Camera Module
Resolution (Max.)	1920 x 1080 @30fps
Output I/F	USB 2.0
Shutter	Rolling
Video Format	YUV422, MJPEG
Power Consumption	Approximate 1W (MJPEG @Full Resolution)
Operation Temperature	-20°C ~ 70°C
Sensor Size	1/2.9"
Pixel Size	2.8um
Lens Type	Fixed Focus (M12)
Dimension (W x L x H/mm)	38 x 38 x 22.2
Lens D / H / V FOV	121° / 102° / 54°
OS Support	Windows, Linux, Android, macOS
Warranty	3 Years

ORDER INFO.

P/N	Description
EV2U-SGR1-MMC1-C1	USB 2.0 2MP Fixed Focus Camera Module (USB Cable Included) Dimension: 38 x 38
EV2U-SGR1-MMC1-C2	USB 2.0 2MP Fixed Focus Camera Module, with DMIC (USB Cable Included) Dimension: 38 x 38
EV2U-SGR1-RLCF-A1	USB 2.0 2MP Fixed Focus Camera Module (USB Cable Included) Dimension: 32 x 32
EV2U-SGR1-RLCF-A2	USB 2.0 2MP Fixed Focus Camera Module, with DMIC (USB Cable Included) Dimension: 32 x 32
7W2000000150	USB 2.0 cable 1 meter, 4 pins, pitch 1.25mm

MECHANICAL DRAWING

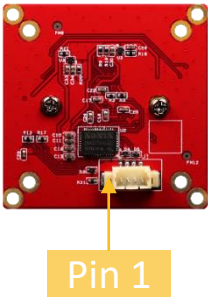


RESOLUTION MATRIX

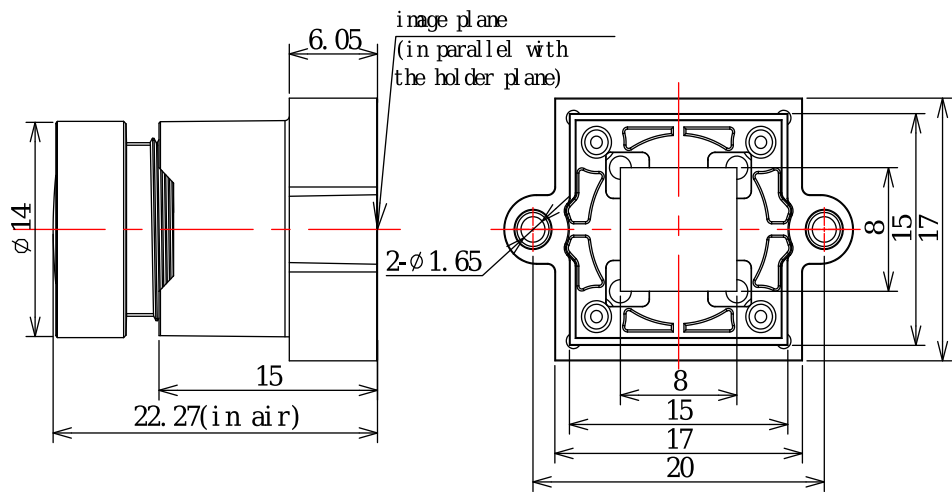
Resolution	YUV422	MJPEG
1920*1080	5 fps	30/ 25/ 10/ 5 fps
1280*720	10 fps	30/ 25 fps
640*480	30 fps	30/ 25 fps

CONNECTOR PIN ASSIGNMENT

Pin #	Pin Name	Description
1	DCC	+5V
2	D-	Data-
3	D+	Data+
4	GND	Ground



LENS SPEC.



Items	Specification
F no.	1.6
Focal length	3.28
Lens structure	2G4P
Mount	M12*P0.5 (S-mount)

CABLE APPEARANCE

