

EV2U-RMR1

USB 2.0 2MP Fixed Focus Camera Module

HIGHLIGHT FEATURES

- USB 2.0 Interface, 1920x1080 @30fps (Max Resolution)
- ISP inside
- Lens FOV (D/H/V) : 77.3°/69.8°/42°
- OS Support: Windows, Linux, Android, macOS (UVC)
- Compliant to USB 2.0 and USB Video Class
- Complies with CE/ FCC Class B

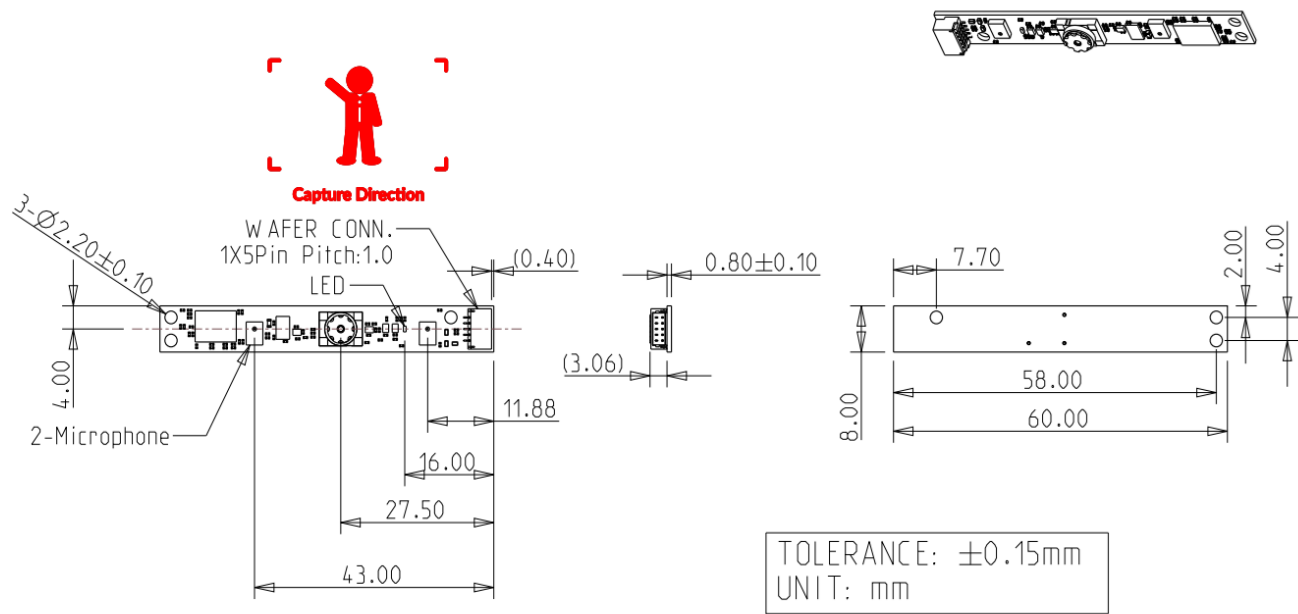
SPECIFICATIONS

Model Name	EV2U-RMR1
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	YUV2, MJPEG
Power Consumption	Approximate 1W (MJPEG @Full Resolution)
Operation Temperature	-20°C ~ 70°C
Sensor Size	1/6"
Pixel Size	1.4um
Lens Type	Fixed Focus (M5)
Dimension (W x L x H/mm)	60 x 8 x 3,85
Lens D / H / V FOV	77.3° / 69.8° / 42°
OS Support	Windows, Linux, Android, macOS
Warranty	3 Years

ORDER INFO.

P/N	Description
EV2U-RMR1-UMCB-C1	USB 2.0 2MP Fixed Focus Camera Module (USB Cable Included) Dimension: 60 x 8
EV2U-RMR1-UMCB-C2	USB 2.0 2MP Fixed Focus Camera Module, with DMIC (USB Cable Included) Dimension: 60 x 8
7W2000000160	USB 2.0 cable 1 meter, 5 pins, pitch 1mm

MECHANICAL DRAWING

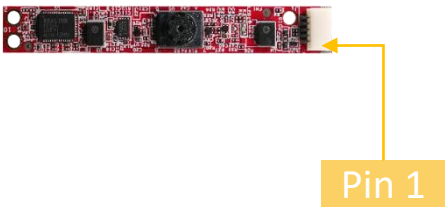


RESOLUTION MATRIX

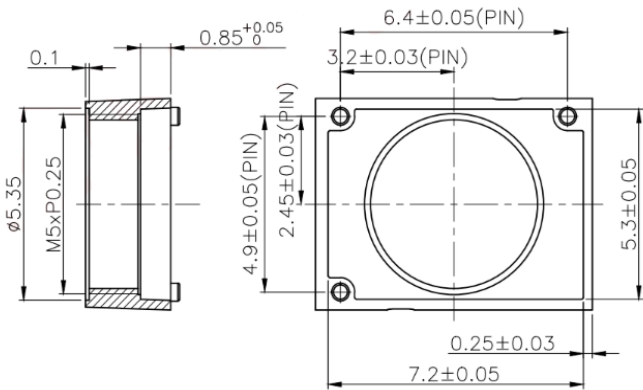
Resolution	YUV422	MJPEG
1920*1080	5 fps	30 fps
1280*1024	-	30 fps
1280*960	-	30 fps
1280*720	-	30 fps
640*480	30 fps	30 fps
640*360	30 fps	30 fps
320*240	30 fps	30 fps

CONNECTOR PIN ASSIGNMENT

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



LENS SPEC.



Items	Specification
F no.	12.0
Focal length	3.28
Lens structure	4P
Mount	M5*P0.25 (S-mount)

CABLE APPEARANCE

