

EV2U-RMR2-MMC1

USB 2.0 2MP Fixed Focus Camera Module

HIGHLIGHT FEATURES

- USB 2.0 Interface, 2MP @30fps (Max. Resolution)
- ISP Inside
- Lens FOV (D / H / V) : 86° / 72° / 38°
- OS Support : Windows, Linux, Android, macOS (UVC)
- Compliant to USB 2.0 and USB Video Class
- Complies with CE / FCC Class B



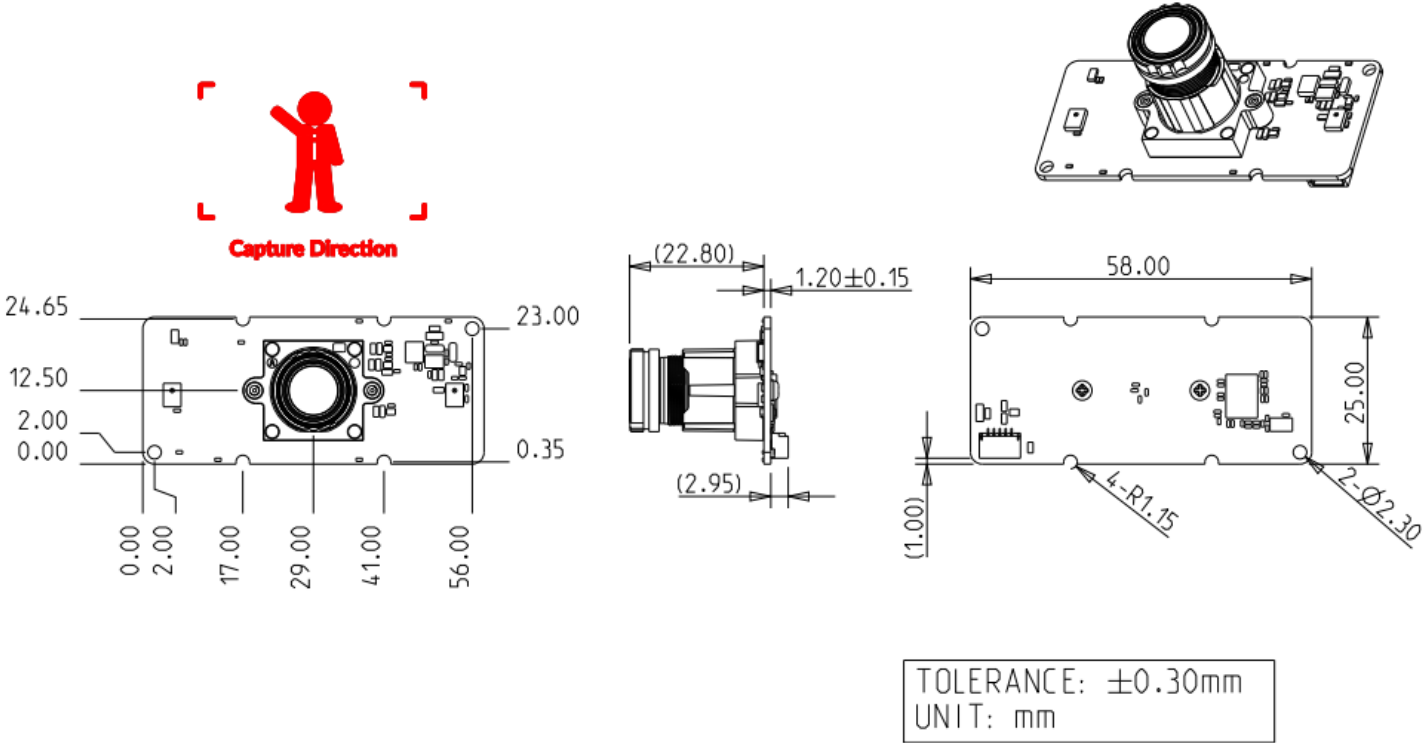
SPECIFICATIONS

Model Name	EV2U-RMR2-MMC1
Module Type	USB 2.0 2MP Fixed Focus Camera Module
Resolution (Max.)	2MP
Frame Rate (Max. Resolution)	30fps
Output I/F	USB 2.0
Sensor	OmniVision OV2732
Shutter	Rolling
Video Format	YUV422, MJPEG
Power Consumption	Approximate 1W (MJPEG @Max. Resolution)
Operating Temperature	-20°C ~ 70°C
Sensor Size	1/6"
Pixel Size	1.4μm
Chroma Type	Color
Lens Type	Fixed Focus (M12)
Dimension (W x L x H/mm)	58 x 25 x 27
Lens FOV (D / H / V)	86° / 72° / 38°
OS Support	Windows / Linux / Android / macOS
Housing	Board Level
Features	DMIC
Warranty	3 Years
Note	For detailed resolution and frame rate combined application, please refer to product datasheet.

ORDER INFO.

P/N	Description
EV2U-RMR2-MMC1-C1	USB 2.0 Fixed Focus Camera Module (USB cable included) Dimension : 58 x 25
EV2U-RMR2-MMC1-C2	USB 2.0 Fixed Focus Camera Module, with DMIC (USB cable included) Dimension : 58 x 25
7W2000000160	USB 2.0 cable 1 meter, 5 pins, pitch 1mm

MECHANICAL DRAWING

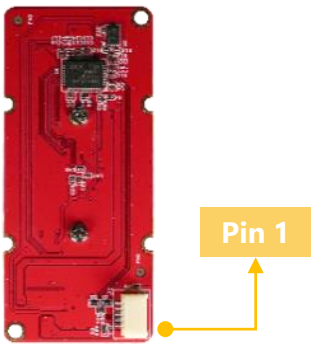


RESOLUTION MATRIX

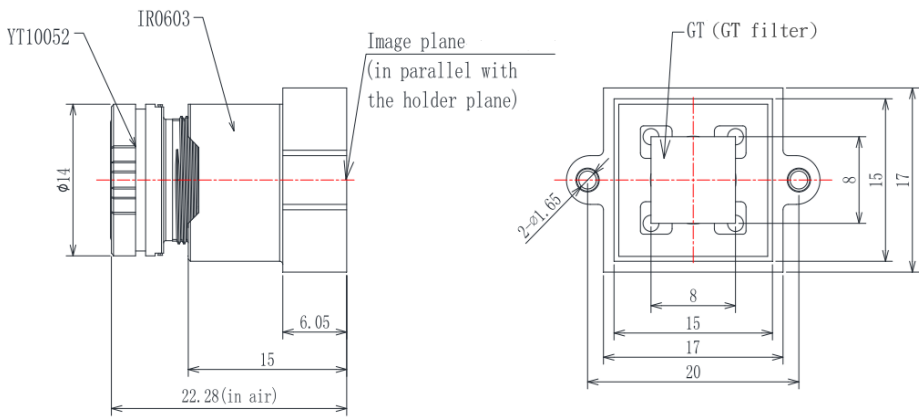
Resolution	YUV422	MJPEG
1920 x 1080	5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
1280 x 720	10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
1204 x 768	10 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
960 x 540	20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
848 x 480	24 / 20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
800 x 600	20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
640 x 480	30 / 24 / 20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
424 x 240	30 / 24 / 20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
320 x 288	30 / 24 / 20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
320 x 240	30 / 24 / 20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps
320 x 180	30 / 24 / 20 / 15 / 10 / 7 / 5fps	30 / 24 / 20 / 15 / 10 / 7 / 5fps

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.	2.2
Focal Length	3.2mm
Lens Structure	1G3P
Mount	M12 x P0.5 (S-Mount)

CABLE APPEARANCE

