

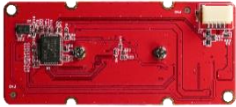


EV2U-RMR2

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) : 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



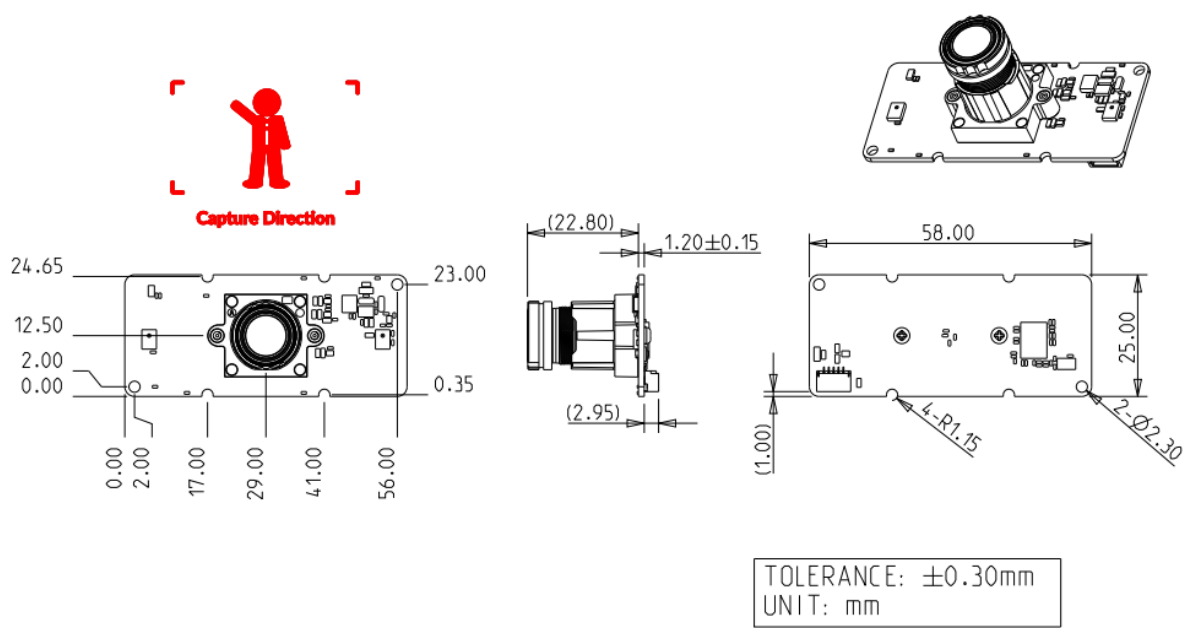
SPECIFICATIONS

Model Name	EV2U-RMR2
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	1/4"
Pixel Size	2um
Lens Type	Fixed Focus (M12)
Dimension (W x L x H/mm)	58 x 25 x 22
Lens D / H / V FOV	86° / 72° / 38°
OS Support	Windows, Linux, Android, macOS
Warranty	3 Years

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

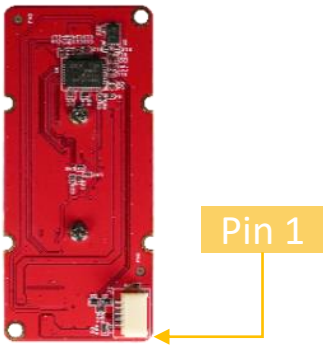


RESOLUTION MATRIX

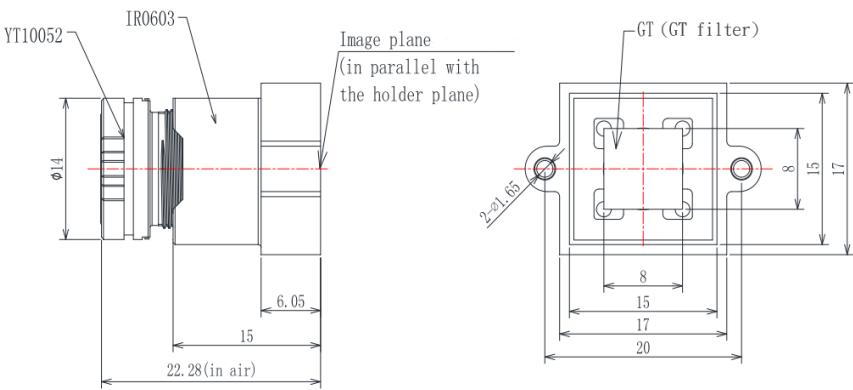
Resolution	YUV422	MJPEG
1920*1080	5 fps	30/24/20/15/10/7/5 fps
1280*720	10/7/5 fps	30/24/20/15/10/7/5 fps
1204*768	10/5 fps	30/24/20/15/10/7/5 fps
960*540	20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
848*480	24/20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
800*600	20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
640*480	30/24/20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
424*240	30/24/20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
320*288	30/24/20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
320*240	30/24/20/15/10/7/5 fps	30/24/20/15/10/7/5 fps
320*180	30/24/20/15/10/7/5 fps	30/24/20/15/10/7/5 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.	2.2
Focal length	3.2
Lens structure	1G3P
Mount	M12*P0.5 (S-mount)

CABLE APPEARANCE

