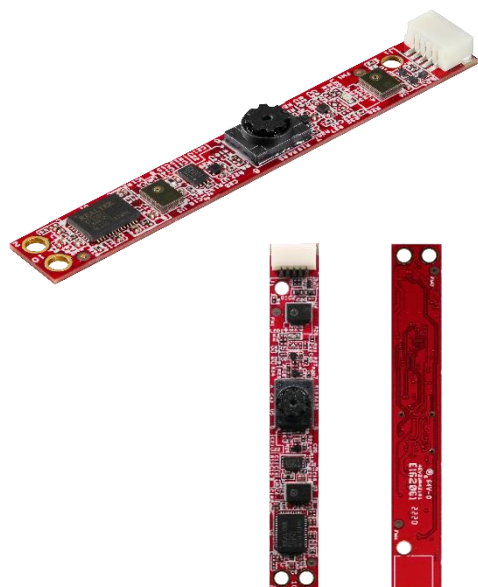




EV2U-RMR1-UMCB

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) : 77.3° / 69.8° / 42.7°
- OS Support : Windows, Linux, Android, macOS (UVC)
- Compliant to USB 2.0 and USB Video Class
- Complies with CE / FCC Class B

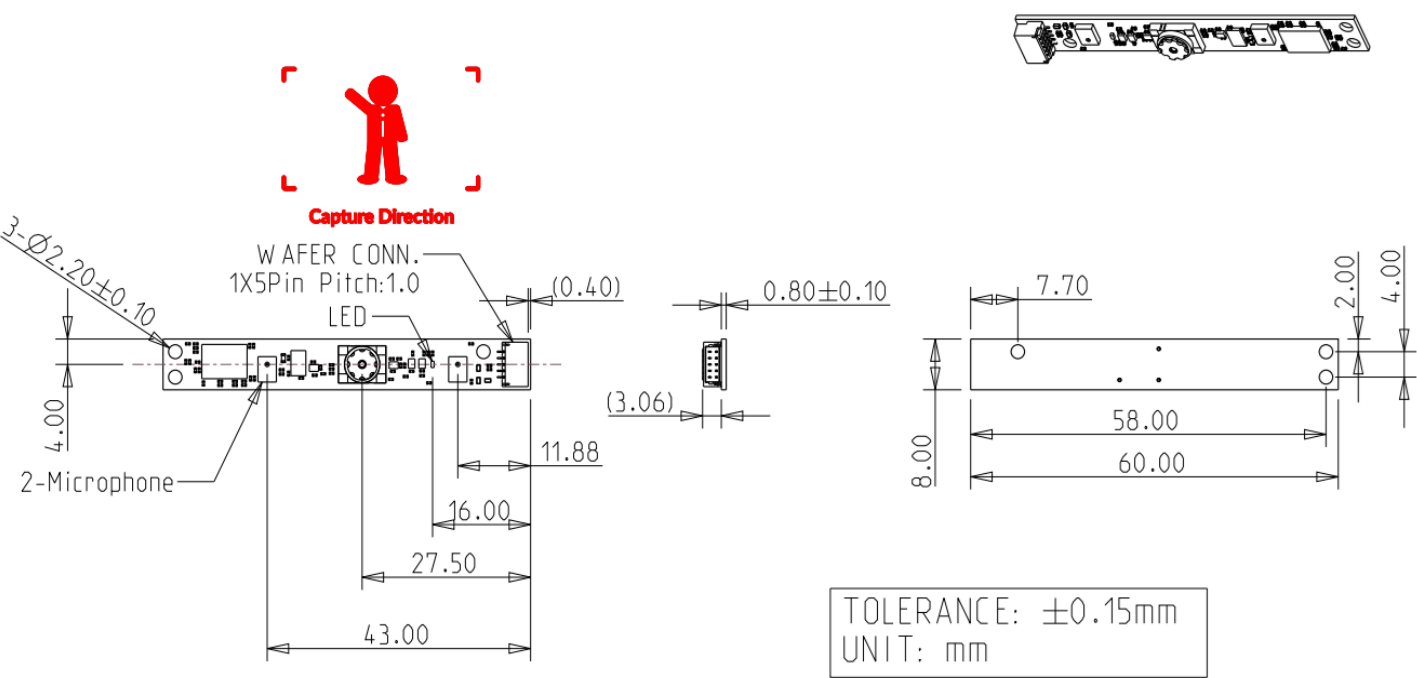
SPECIFICATIONS

Model Name	EV2U-RMR1-UMCB
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 OV2740
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 (M5)
Dimension (W x L x H/mm)	60 x 8 x 3.85
Lens FOV (D / H / V)	77.3° / 69.8° / 42.7°
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-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

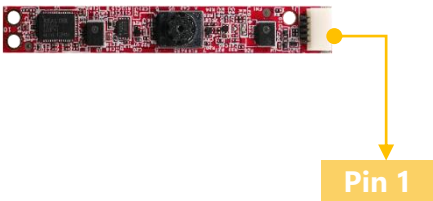


RESOLUTION MATRIX

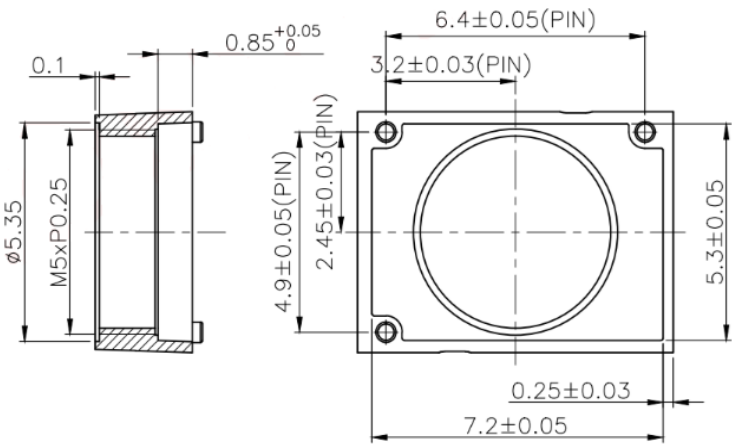
Resolution	YUV422	MJPEG
1920 x 1080	5fps	30fps
1280 x 1024	N/A	30fps
1280 x 960	N/A	30fps
1280 x 720	N/A	30fps
640 x 480	30fps	30fps
640 x 360	30fps	30fps
320 x 240	30fps	30fps

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	3.28mm
Lens Structure	4P
Mount	M5 x P0.25 (S-Mount)

CABLE APPEARANCE

