

## 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° / 69° / 42°
- OS Support : Windows, Linux, Android, macOS (UVC)
- Compliant to USB 2.0 and USB Video Class
- Complies with CE / FCC Class B

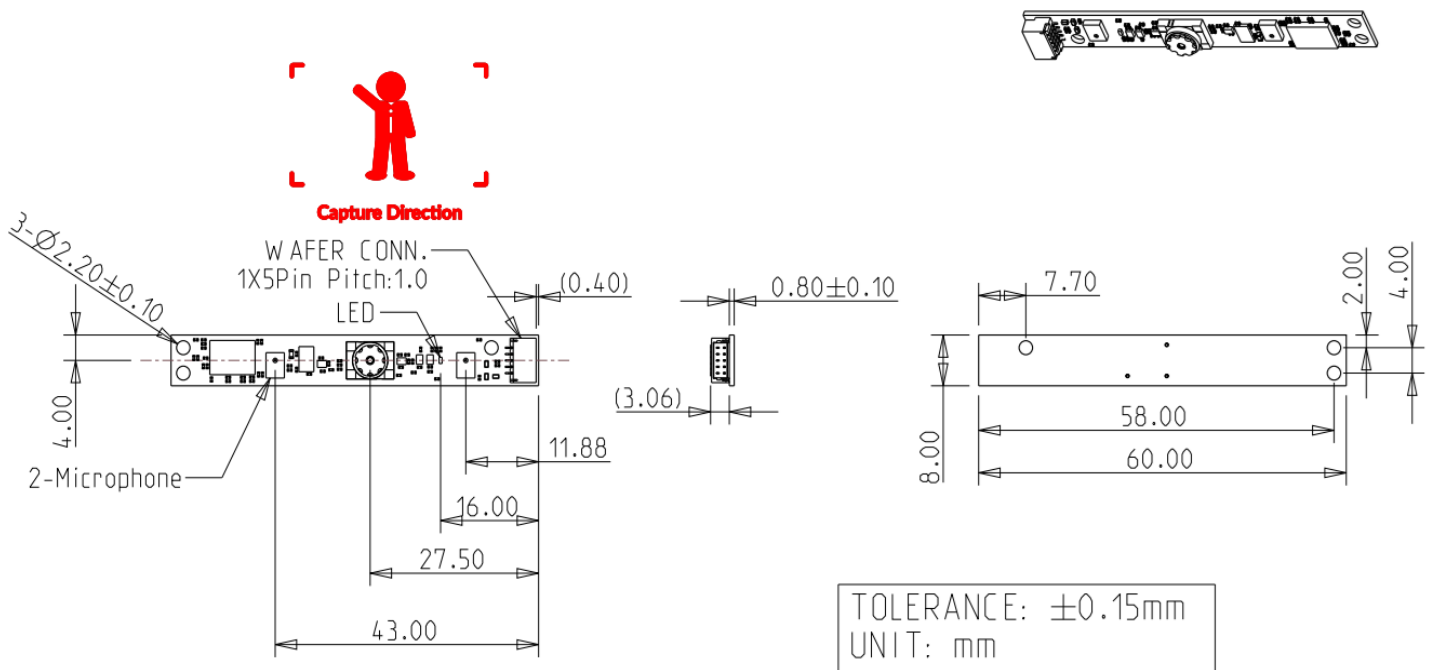
### SPECIFICATIONS

<b>Model Name</b>	EV2U-RMR1-UMCB
<b>Module Type</b>	USB 2.0 2MP Fixed Focus Camera Module
<b>Resolution (Max.)</b>	2MP
<b>Frame Rate (Max. Resolution)</b>	30fps
<b>Output I/F</b>	USB 2.0
<b>Sensor</b>	OmniVision OV2740
<b>Shutter</b>	Rolling
<b>Video Format</b>	YUV422, MJPEG
<b>Power Consumption</b>	Approximate 1W (MJPEG @Max. Resolution )
<b>Operating Temperature</b>	-20°C ~ 70°C
<b>Sensor Size</b>	1/6"
<b>Pixel Size</b>	1.4µm
<b>Chroma Type</b>	Color
<b>Lens Type</b>	Fixed Focus (M5)
<b>Dimension (W x L x H/mm)</b>	60 x 8 x 3.85
<b>Lens FOV (D / H / V)</b>	77° / 69° / 42°
<b>OS Support</b>	Windows / Linux / Android / macOS
<b>Housing</b>	Board Level
<b>Features</b>	DMIC
<b>Warranty</b>	3 Years
<b>Note</b>	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



**HQ (Taiwan)** T +886-2-7703-3000 / E sales@innodisk.com

**CN** T +86-755-2167-3689 / E sales\_cn@innodisk.com

**US** T +1-510-770-9421 / E usasales@innodisk.com

**EU** T +31-40-3045-400 / E eusales@innodisk.com

**JP** T +81-3-6667-0161 / E jp\_sales@innodisk.com

**innodisk**