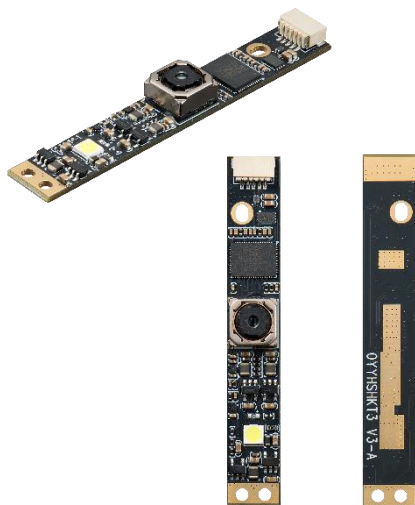




EV8U-LSN1-RSCA

USB 2.0 8MP Auto Focus Camera Module

HIGHLIGHT FEATURES

- USB 2.0 Interface, 8MP @20fps (Max. Resolution)
- Support Auto Focus, ISP Inside
- Lens FOV (D / H / V) : 72° / 61° / 47°
- OS Support : Windows, Linux, Android, macOS (UVC)
- Compliant to USB 2.0 and USB Video Class

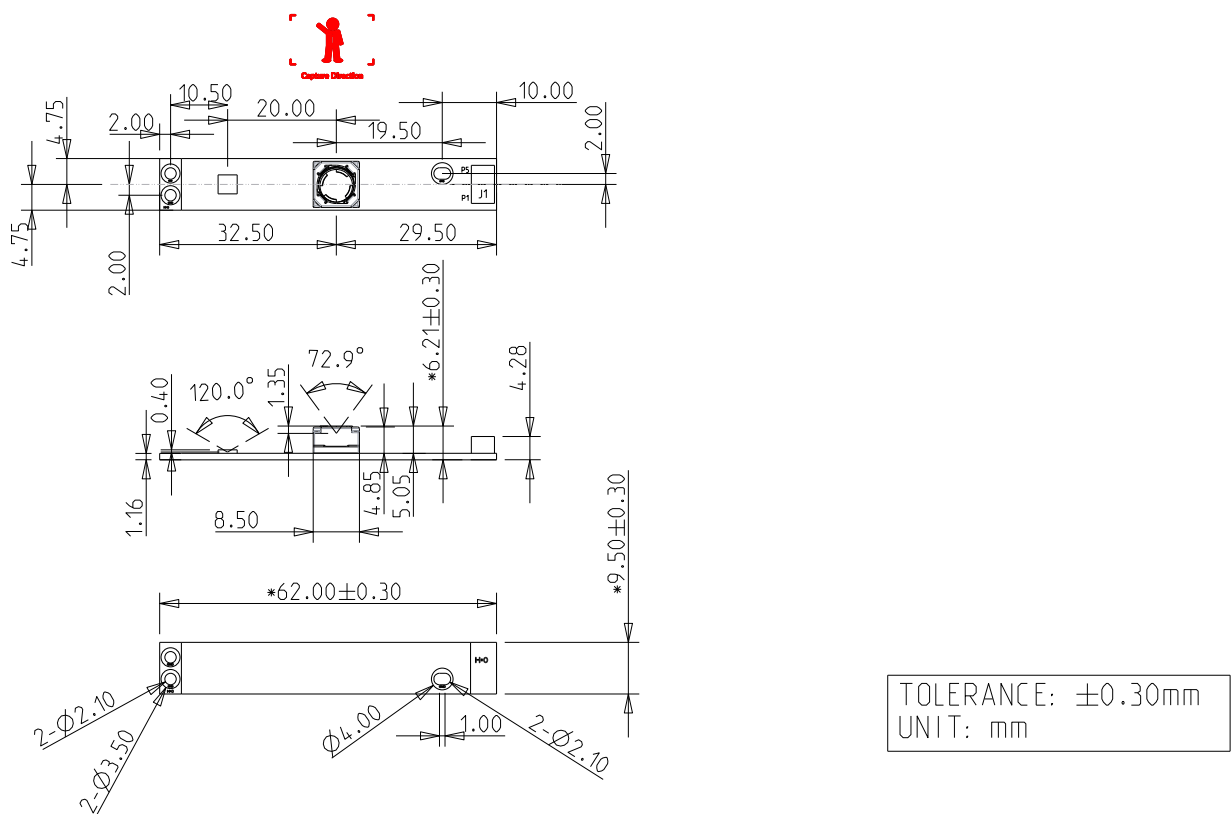
SPECIFICATIONS

Model Name	EV8U-LSN1-RSCA
Module Type	USB 2.0 8MP Auto Focus Camera Module
Resolution (Max.)	8MP
Frame Rate (Max. Resolution)	20fps
Output I/F	USB 2.0
Sensor	Sony IMX179
Shutter	Rolling
Video Format	YUV422, MJPEG
Power Consumption	Approximate 2W (MJPEG @Max. Resolution)
Operating Temperature	0°C ~ 60°C
Sensor Size	1/3.2"
Pixel Size	1.4μm
Chroma Type	Color
Lens Type	Auto Focus (M5)
Dimension (W x L x H/mm)	62 x 9.5 x 6.5
Lens FOV (D / H / V)	72° / 61° / 47°
OS Support	Windows / Linux / Android / macOS
Housing	Board Level
Features	Auto Focus
Warranty	3 Years
Note	For detailed resolution and frame rate combined application, please refer to product datasheet.

ORDER INFO.

P/N	Description
EV8U-LSN1-RSCA-11	USB 2.0 8MP Auto Focus Camera Module (USB cable included) Dimension : 62 x 9.5
7W2000000160	USB 2.0 cable 1 meter, 5 pins, pitch 1mm

MECHANICAL DRAWING



RESOLUTION MATRIX

Resolution	YUV422	MJPEG
3264 x 2448	2fps	20fps
2592 x 1944	N/A	30fps
1920 x 1080	5fps	30fps
1280 x 720	15fps	30fps

CONNECTOR PIN ASSIGNMENT

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



Pin 1

LENS SPEC.

Items	Specification
F No.	2.2
Focal Length	3.85mm
Lens Structure	5P
Mount	M12 x P0.5 (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

