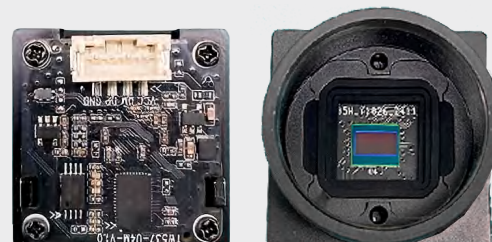


Independent
Development

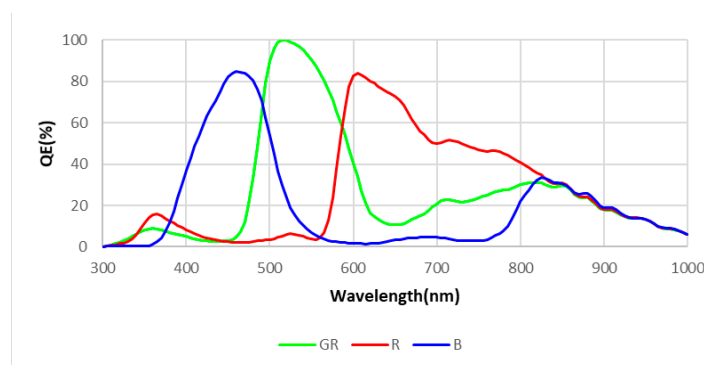
MV-UC401C

Product Features:

- It supports multiple resolutions and frame rates, and the captured images are clear and delicate with rich details.
- It supports demand customization to meet users' diverse application scenario requirements.
- It has wide system compatibility, seamlessly docks with multiple devices and platforms, and improves convenience.
- It can be used by adopting a USB interface, reducing the usage threshold.



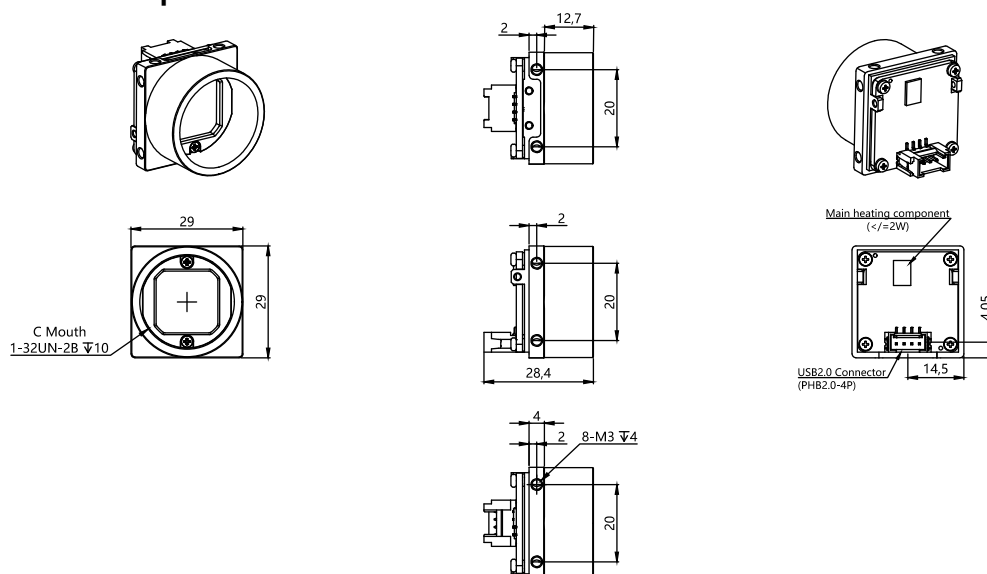
Spectral Response Curve:



MV-UC401C

Mechanical Specification:

unit:mm



MV-UC401C

TECHNICAL PARAMETER

Model	Product Model	MV-UC401C
	Product Name	UBS2.0 Camera
Sensor	Color/Mono	Color
	Sensor Model	MindVision
	Sensor Type	CMOS
	Optical Size	1/3"
	Pixel Size	2umx2um
	Exposure Method	Rolling Shutter
	Focus Mode	Manual Focus
	Effective Pixels	4MP
	AD Width	10bit
Performance Parameters	Signal-to-Noise Ratio	38.3dB
	Dynamic Range	64.6dB
	Sensitivity	1900 mV/Lux-sec
	Quantum Efficiency	/
	Resolution@Frame Rate	MJPG: 2506X1440 MAX@13FPS YUY2: 1280X720 MAX@13FPS
	Video Output Format	MJPG/YUY2
	Image Storage Format	BMP
	Gain Ratio	0-100
	Exposure Time Ratio	0-31
Electrical Characteristics	Data Interface	USB2.0
	Power Supply	5V (±10%)
	Power	<1W
Structural Characteristics	Heat Dissipation Method	Aluminum Alloy Body Natural Cooling
	Lens Mount	C Mount
	External Dimensions	29x29x28.4mm (excluding lens mount and rear shell interface)
	Weight	<75g
	Ingress Protection Rating	IP40
	Temperature	Operating Temperature 0~50°C / Storage Temperature -30~60°C
	Humidity	Operating Humidity 20~80% (non-condensing) / Storage Humidity 20~95% (non-condensing)
Protocol Standards	Operating System	WIN7/8/10/11 systems (32 & 64-bit), Linux systems (32 & 64-bit),
	Software	Supports DirectShow component and TWAIN component
	Vision Standard Protocol	/
	Certification	CE,RoHS
Other Features	Other Features	Support any size ROI custom resolution, contrast and gamma adjustment, saturation adjustment, white balance correction, black level correction, custom dead point coordinate correction,ISP image processing acceleration, 3D noise reduction, custom LUT table, frame rate adjustment, custom camera name, etc.

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