USB3.0 Micro medical treatment Area Scan Cameras

MV-1201UC37-RP

■ Large target surface, high pixel

■ High sensitivity, ultra low noise

■ Support multiple cameras working at the same time

USB3.0 frame color Area Scan Cameras

Key Features

- Large target surface, high pixel, high sensitivity, ultra low noise

- Image is transparent, smooth and delicate

- Multiple cameras working at the same time

- Supports DirectShow and Twain interfaces

- Compliant with CE, FCC and RoHS certifications

- Supports Windows XP SP3 and above, as well as Linux 32-bit/64-bit operating systems
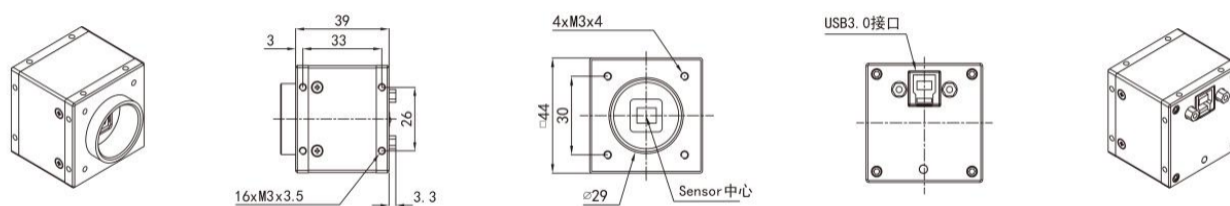
- Dimensions: 44mm×44mm×39mm

Specifications

Model / Parametric	MV-1201UC37-RP
	Color USB3.0 frame color Area Scan Cameras
Sensor Type	Rolling Shutter
Minimum ROI	32x32.Minimum step:8
Resolution	4000x3000
Sensor Optical Size	1/1.7"
Pixel Size	1.85um
Mono/Color	Color
Max Frame Rate	37FPS
Spectral Response	390nm-650nm
Gain	Gain:1-6 times,step size:0.125 times
Exposure Time	9us-30.6s
Pixel Formats	RAW8 RAW16 BMP24
Sensitivity	0.28V/Lux.S1/30S F5.6
Trigger Mode	Software trigger
Area of Photosensitive Area	7.4mmx5.55mm
SNR	36.7db
Support Format	RAW BMP JPEG PNG
Bit Depth	12bit

Performance Parameters

DR	72dB
Power Supply	USB 5V power supply
Power Consumption	< 2.0W
Transmission Interface	USB3.0
Dimensions	48mm× 44mm× 39mm
Operating Temperature	-10 -50
Weight	< 140g
Lens Interface	C-mount
IP	IP30
Compatibility	USB3.0Vision,GenICam,HALCON,LabView,OpenCV
Certifications	CE,FCC,RoHS

Dimension (unit: mm)

Spectral response