

Industrial Camera Manufacturer

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MindVision

TECHNOLOGY

MV-UBD130C

Products
manual



CHARACTERISTIC

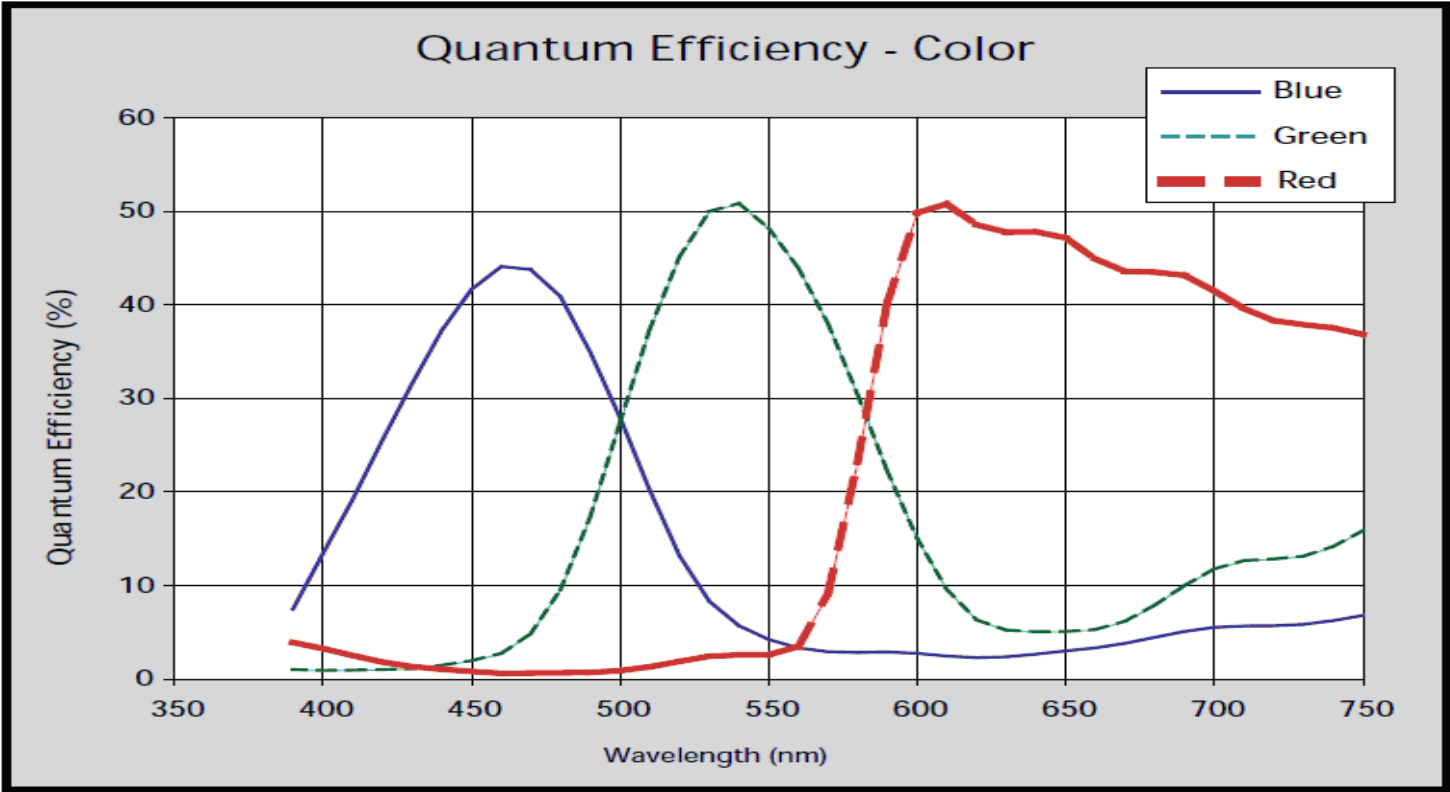
- USB2.0 interface, without external power supply, plug and play
- Support for 16bit grayscale and 48bit color lossless format output
- Support Windows, Linux and ARM Linux, android system
- Support external trigger, flash sync
- With hardware frame cache ,supports more than 32 cameras work in double harness
- The camera can write custom data

SHENZHEN MINDVISION TECHNOLOGY CO., LTD.

MV-UBD130C

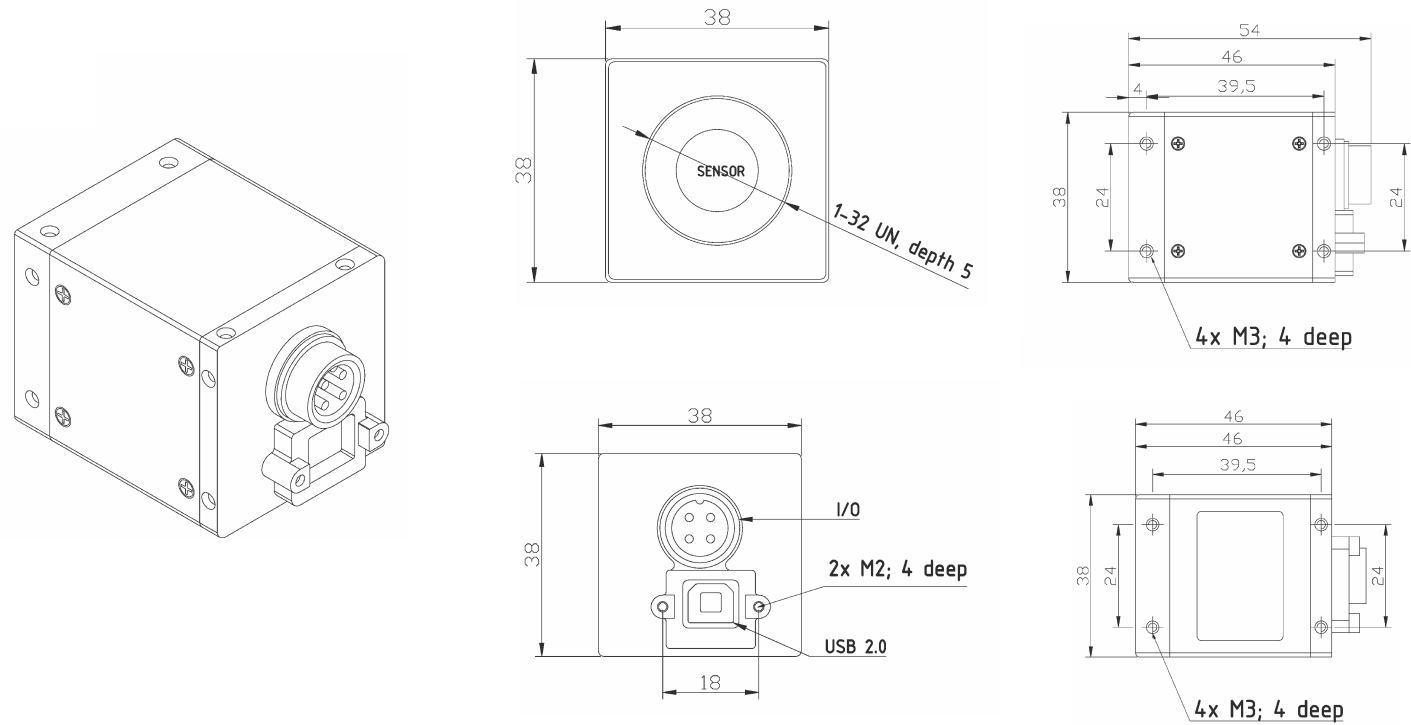
Model Specifications	MV-UBD130C
Sensor Type	1/3 Inch CCD
Shutter	Global Shutter
Mono/Color	Color
Pixel Size	3.75X3.75μm
Resolution	1.3MP(1280×960)
Frame Rate	1280X960@35FPS 1024X768@41FPS 640X480@58FPS
Pixel Bit Depth	12bit
Sensitivity	950/1430mV 1/30s
I / O port	6-pin Hirose connector, 1-channel optical hardware trigger input signal, one-way optical flash output signal; one-way optical general output signal
Synchronization	external trigger/software/free-run
Maximum Gain	64.0
Exposure time(ms)	0.005~4615
Filter	Standard 650nm Infrared Cut-off Filter
Frame Buffer	32M Bytes
Camera Custom Data	2K Bytes
Video Output Format	Bayer8、Bayer12、Mono8、Mono12、Mono16、RGB24、RGB32、RGB48
Lens Mount	CS-mount, to provide CS-mount to C-mount adapter ring
Data Interface	USB2.0 TYPE B
Power Requirements	5V , USB bus-powered
Power Consumption	<2W
Dimensions	38(mm)X38(mm)X46(mm)
weight	~110g
Working temperature	0~50℃
Working humidity	20~80% (No Condensation)
Storage temperature	-30~60℃
Storage humidity	20~95% (No Condensation)
Support system	WINXP, WIN7 / 8/10 32 & 64-bit systems, Linux and ARM Linux drivers and Android platform drivers (customizable)
Drivers	DirectShow components Halcon special components Labview dedicated drive OCX components TWAIN components
Programming language	C/C++/C#/VB6/VB.NET/Delphi/BCB/Python
Programmable control	Image size (ROI), camera, exposure time, GAMMA, contrast, brightness, custom LUT, mirror flip, RGB color gain, saturation, sharpness, color to mono, color temperature correction, anti-color, Color, trigger mode, frame rate control

SPECTRUM



MECHANICAL SPECIFICATION

Unit : mm



UBD Series