

MVGE 502 C / M-T-CL

MV-GE502C/M features high definition, low noise, Excellent performance, easy installation and use, suitable for industrial testing, medical, scientific research, education and security and other fields.

Application industry:

It is suitable for industrial testing, medical treatment, scientific research, education and security and other fields.



feature of product

100 meters long-distance stable transmission, optional POE power supply Compatible with VISION standard, directly support Halcon, VisionPro and other software without driver, support external trigger and flash synchronization, up to 7 GPIOs, all photoelectric isolation

Support 16bit grayscale and 48bit color lossless format output Support multiple cameras to work at the same time, the number is not limited, can be arbitrarily networked with unique data packet retransmission technology to ensure reliable data transmission

Excellent SDK design, as simple as using a USB camera, plug and play SDK supports Windows, Linux, MacOS systems

Spectrum :

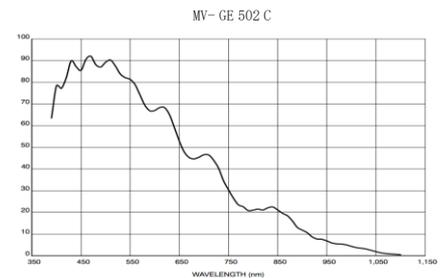
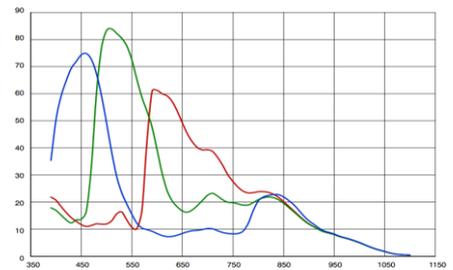
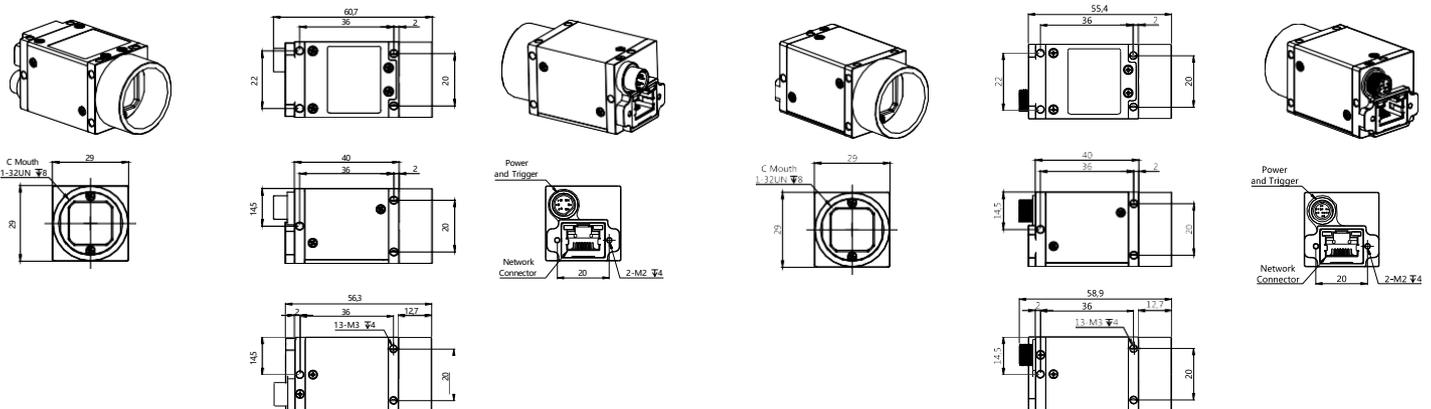


Figure 20. AR0521 Mono Quantum Efficiency vs. Wavelength

MV-GE 502 M

Mechanical Specifications :

Unit: mm (mm)



CE-T1-C

CE-T-CL

Technical parameter: TECHNICAL PARAMETER

count	type	MV-GE502C	MV-GE502M
sensor		1/2.5" CMOS	
shutter type		rolling shutter	
camera type		color	black and white
pixel size		2.2X2.2 μm	
effective pixel		5m	
resolution@frame rate		2592X1944@24FPS	
pixel depth		10bit	
sensitivity		18.8 ke-/lux*sec	36 ke-/lux*sec
GPIO		1 channel of optical isolation input, one channel of optical isolation output; optional 3 channels of input and 4 channels of output	
acquisition pattern		Continuous/soft trigger/hard trigger	
maximum gain (multiple)		15	
Exposure time range (ms)		0.02~155.5	
filter		Standard 650nm IR cut filter	Standard double-sided AR antireflection film
frame cache		32M Bytes	
user-defined data area		2K Bytes	
video output format		Bayer8/Bayer12	Mono8/Mono12
Visual Standards Protocol		GigE Vision V1.2, GenICam	
lens interface		The default C interface, optional C or CS interface, can provide M12 lens adapter interface accessories	
data interface		RJ45 Gigabit Ethernet interface, backward compatible with 100M network standard	
power supply		9~24V (POE for optional)	
power		<2.5W	
external dimension		29 (mm)X29 (mm)X40 (mm) (Without lens mount and rear case interface)	
weight		<75g	
operating temperature		0~50 Every time	
working humidity		20~80% (no condensation)	
storage temperature		-30~60 Every time	
storage humidity		20~95% (no condensation)	
operating system		WINXP, WIN7/8/10 32&64 bit system, Linux and ARM Linux driver, Android platform driver, MAC OS system	
driver		Directshow component Halcon special component Labview special driver OCX component TWAIN component	
Programing language package		C/C++/C#/VB6/VB.NET/Delphi/BCB/Python/Java	
Other functions		Supports ROI custom resolution of any size, 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	

www.kcsystemtech.com

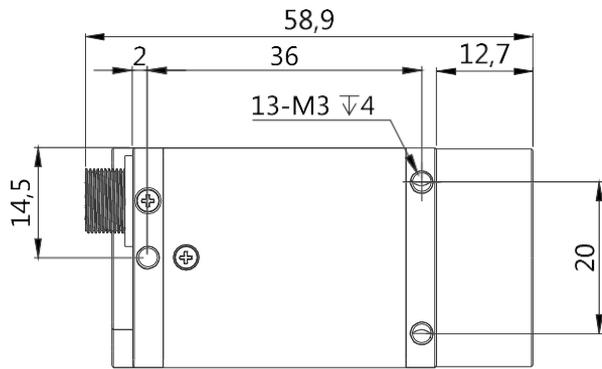


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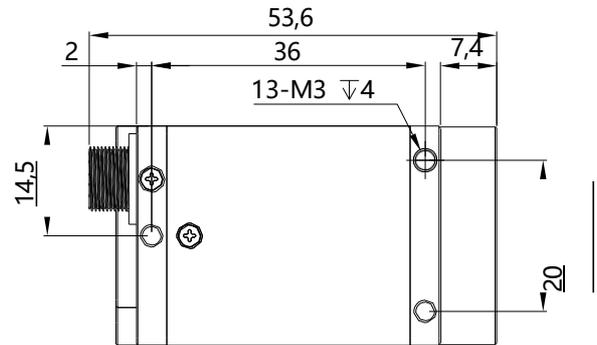


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C-mount/CS-mount camera diagram



C-mount lens



Cs mount lens

Unit: (mm)

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