

HSC-03M2-O

Lightweight USB 3.0 Camera, Micron MT9V022 CMOS, Global Shutter, 60 FPS at 752x480, without Lens



Features

- » IEI Vision SDK available
- » Compact and lightweight industrial camera with Aptina global shutter CMOS sensor
- » Compatible with USB 3.0 SuperSpeed specification
- » Resolutions up to 752x480
- » Frame rates up to 60 FPS
- » Support AMCap and other DirectShow compatible software
- » Other commercial vision software supported through DirecShow, ex: Halcon
- » IEI Similarity technology can provide image enhancement

Specifications

Appearance	
Dimension	58.9 mm x 29 mm x 29 mm
Environment	
Operating Temperature	0°C ~ 45°C
Storage Humidity	20% ~ 95%
Storage Temperature	-30° ~ 60°C
Operating Humidity	20% ~ 80%
Others	
Power Consumption	< 3.5W
Power Requirements	5V via external connector or USB 3.0
Parameters	
ADC	8-bit/10-bit
Pixel Size	6.0  m
Readout Method	Global shutter
Resolution	752 x 480
Sensor Name	Micron MT9V022
Sensor Type	CMOS
Auxiliary Output	3.3 V, 100 mA max
Sensor Size (inch)	1/3-inch
Chroma	Mono
Compliance	CE, FCC
Frame Rate	60FPS
Interface	USB 3.0 interface
Lens Mount	CS-mount
Mass	79g
Megapixels	0.3 MP
Software Support	
SDK	1 x Windows
OS Support	1 x Microsoft Windows 7 64-bit
	Operating System(Support UVC)
	1 x Microsoft Windows 10 64-bit

	1 x Microsoft Windows 8.1 64-bit
	1 x Microsoft Windows 8.1 32-bit
	1 x Microsoft Windows 7 32-bit
	1 x Microsoft Windows 10 32-bit
System Requirement	
CPU	Intel® Core™ i5 or above
Memory	2GB or more

Ordering Information

HSC-03M2-O-R10	USB3.0 Monochrome Industrial camera, 1/3" Aptina(On-semi) CMOS, 752x480 pixel, 60FPS
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Packing List

1 x HSC-03M2-O	1 x Mounting bracket
1 x CS to C mount adapter	1 x QIG