

近红外低成本红外相机 1-1.65um



产品描述:

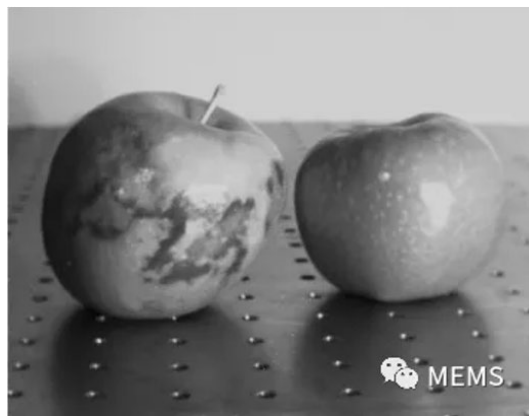
近红外低成本红外相机的其他功能包括具有先积分后读取(ITR)功能的全局快门, 以及具有预设和用户定义选项的最小100 ns积分时间。光谱响应范围从1.0 μm 到1.65 μm , 还提供Camera Link或USB-C输出以及一系列镜头, 但需额外付费。

产品特点:

- ☀ 小尺寸, 低成本
- ☀ 宽谱响应范围: 1-1.65um
- ☀ 低功耗 (low-SWaP)

产品特点:

- ☀ 适合实验室应用
- ☀ 光纤对准任务
- ☀ 精准农业
- ☀ 驾驶员视觉增强 (DVE)



红外相机的成像效果

红外相机规格:

Camera	
Detector Material	InGaAs
Spectral Response	1.0 um-1.65 um
Array Format	320x256
Pixel Pitch	5um
operability	> 99.5%
Quantum Efficiency	> 60%
Frame Rate	30 Hz,60 Hz,120 Hz,240 Hz
Imaging Mode	Global shutter, Integrate Then Read (ITR)
Integration Time	Presets and user-defined, minimum = 100 ns
On-Board Processing	Sharpening,Gaussian blur, region of interest (ROI), AGc, AEC
Electrical	
Input Voltage	5v ± 10%
Power Consumption	1.2 Wat 30Hz,1.3 Wat 60 Hz
video Output, i/o	Parallel, USB3, or UsB, depends on personality board
Mechanical	
volume	13 cma (without lens or personality board)
Weight	23 g (core, no lens)
Mounting	ø-80, 1/4"-20 adapter available
Lens Mount	C-mount
Connector	Parallel, uSB-C, Camera Link
Environmental	
Operating Temperature Range	- 20 C to +65 C

尺寸图:

