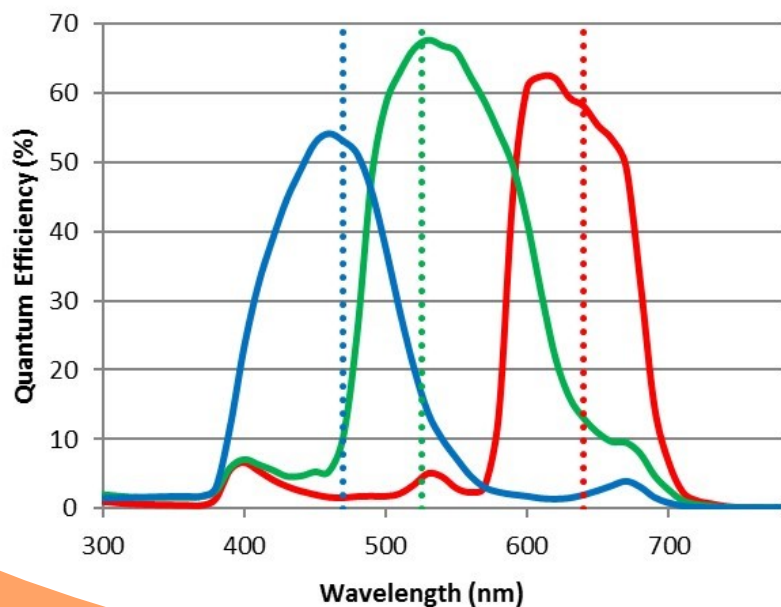


Vivid-3



Resolution	2048 x 1536 (3 megapixel)
Pixel size	3.45 μm^2
Sensor type	Sony IMX265 Pregius CMOS
Sensor size	1/1.8" (8.9mm diagonal)
Aspect ratio	4:3
Output	USB3
Mount	C-mount

Frames per second (at full resolution)	21
ADC (Analog to Digital Converter)	12-bit
Quantum Efficiency (% at 470 nm)	53
Quantum Efficiency (% at 525 nm)	66
Quantum Efficiency (% at 640 nm)	58
Temporal Dark Noise (Read Noise) (e-)	2.22
Signal to Noise Ratio Maximum (dB)	40.04
Absolute Sensitivity Threshold (γ)	4.2
Saturation Capacity (Well Depth) (e-)	10080
Dynamic Range (dB)	71.38



Micropix Ltd
Melrose
Midhurst
West Sussex
GU29 9JX

www.micropix.co.uk
info@micropix.co.uk

01730 815585