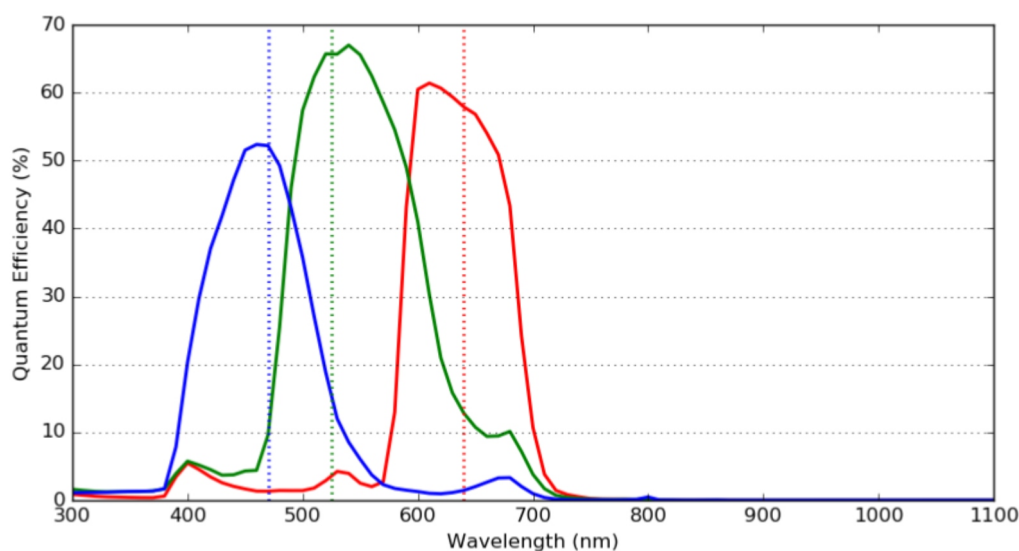


## Elite-12 Colour



<b>Resolution</b>	4096 x 3000 (12 megapixel)
<b>Pixel size</b>	3.45 $\mu\text{m}^2$
<b>Sensor type</b>	Sony IMX253 Pregius CMOS
<b>Sensor size</b>	1.1" (17.6mm diagonal)
<b>Aspect ratio</b>	4:3
<b>Output</b>	USB3
<b>Mount</b>	C-mount

<b>Frames per second (at full resolution)</b>	10
<b>ADC (Analog to Digital Converter)</b>	12-bit
<b>Quantum Efficiency (% at 470 nm)</b>	47
<b>Quantum Efficiency (% at 525 nm)</b>	64
<b>Quantum Efficiency (% at 640 nm)</b>	59
<b>Temporal Dark Noise (Read Noise) (e-)</b>	2.43
<b>Signal to Noise Ratio Maximum (dB)</b>	40.21
<b>Absolute Sensitivity Threshold (<math>\gamma</math>)</b>	4.61
<b>Saturation Capacity (Well Depth) (e-)</b>	10504
<b>Dynamic Range (dB)</b>	71.08



## Elite-12 Monochrome



<b>Resolution</b>	4096 x 3000 (12 megapixel)
<b>Pixel size</b>	3.45 $\mu\text{m}^2$
<b>Sensor type</b>	Sony IMX253 Pregius CMOS
<b>Sensor size</b>	1.1" (17.6mm diagonal)
<b>Aspect ratio</b>	4:3
<b>Output</b>	USB3
<b>Mount</b>	C-mount

<b>Frames per second (at full resolution)</b>	10
<b>ADC (Analog to Digital Converter)</b>	12-bit
<b>Quantum Efficiency (% at 525 nm)</b>	71
<b>Temporal Dark Noise (Read Noise) (e-)</b>	2.43
<b>Signal to Noise Ratio Maximum (dB)</b>	40.19
<b>Absolute Sensitivity Threshold (<math>\gamma</math>)</b>	4.12
<b>Saturation Capacity (Well Depth) (e-)</b>	10451
<b>Dynamic Range (dB)</b>	71.04

