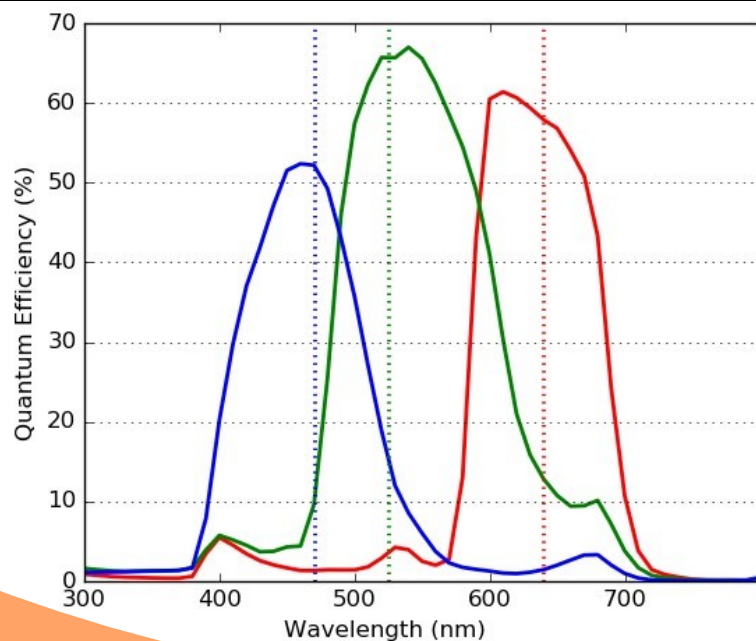


Elite-12



| | |
|---------------------|----------------------------|
| Resolution | 4096 x 3000 (12 megapixel) |
| Pixel size | 3.45 μm^2 |
| Sensor type | Sony IMX253 Pregius CMOS |
| Sensor size | 1.1" (17.6mm diagonal) |
| Aspect ratio | 4:3 |
| Output | USB3 |
| Mount | C-mount |

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



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