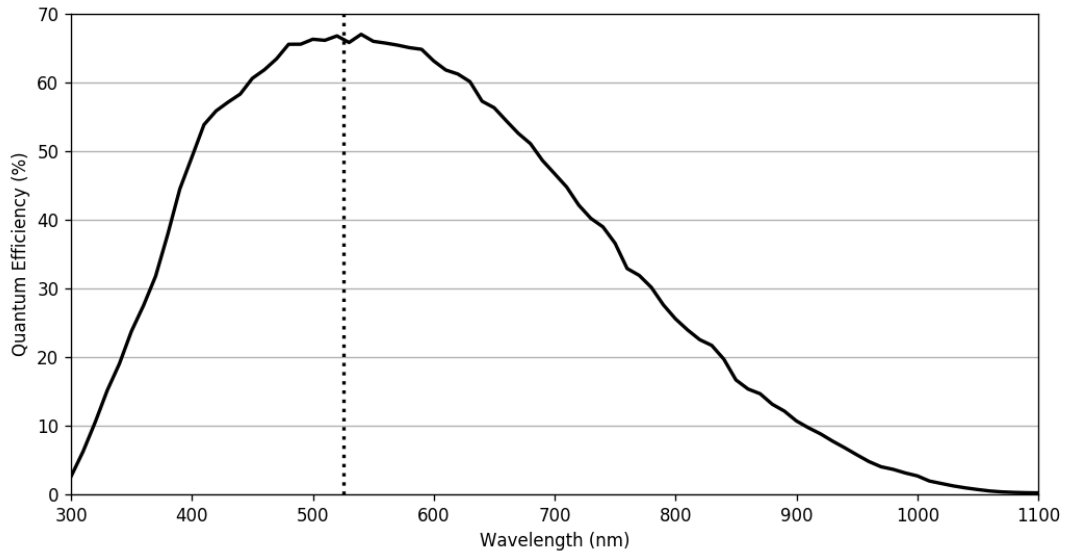


Measurements are taken based on guidelines in the EMVA 1288 standard; the full definition can be found at EMVA.org. Camera settings are: maximum bit depth, 16-bit pixel format, and ISP disabled. The center wavelength is 525 nm unless otherwise noted. Results are captured at room temperature (20°C). Using FLIR test software version 4.1.

	ORX-10G-310S9M	ORX-10G-310S9C
<b>Resolution</b>	6464 x 4852	6464 x 4852
<b>Sensor</b>	Sony IMX342, CMOS APS-C	Sony IMX342, CMOS APS-C
<b>Pixel Size (µm)</b>	3.45	3.45
<b>Firmware</b>	1904.0.72.0	1904.0.72.0
<b>ADC</b>	10-bit	10-bit
<b>Quantum Efficiency Mono (% at 530 nm)</b>	65	N/A
<b>Quantum Efficiency Blue (% at 460 nm)</b>	N/A	48
<b>Quantum Efficiency Green (% at 530 nm)</b>	N/A	60
<b>Quantum Efficiency Red (% at 625 nm)</b>	N/A	47
<b>Temporal Dark Noise (Read Noise) (e-)</b>	5.18	4.28
<b>Temporal Dark Noise (Read Noise) (DN)</b>	29.80	25.01
<b>Signal to Noise Ratio Maximum (dB)</b>	40.49	40.38
<b>Signal to Noise Ratio Maximum (Bits)</b>	6.72	6.71
<b>Absolute Sensitivity Threshold (γ)</b>	8.70	8.00
<b>Absolute Sensitivity Threshold (e-)</b>	5.68	4.78
<b>Saturation Capacity (Well Depth) (e-)</b>	11188	10908
<b>Saturation Capacity (Well Depth) (γ)</b>	17127	18260
<b>Dynamic Range (dB)</b>	65.89	67.17
<b>Dynamic Range (Bits)</b>	10.94	11.16
<b>Gain (e-/ADU)</b>	0.17	0.17

## ORX-10G-310S9M



## ORX-10G-310S9C

