

# Quantum **210 r** and Quantum **315 r**

Readout Mode	Full Well	Read Noise	Dynamic Range	Effective Number of Bits	Readout Time	Read Noise 12.5 Kev Photons
Full Resolution	200,000	<b>11.0 electrons</b>	18,100	14.15	0.90 seconds	1.50
2x2 Hardware Binned	260,000	11.5 electrons	22,600	14.46	<b>0.25 seconds</b>	1.64
2x2 Software Binned	800,000	2x11 electrons	<b>36,300</b>	15.15	0.90 seconds	2.94

**NOW AVAILABLE**