

Model	Prime 95B Family			PRIME BSI Family	Moment Family
	Prime 95B	Prime 95B 22MM	Prime 95B 25MM	Prime BSI	Moment
					
Sensor Technology	sCMOS			CMOS	
Quantum Efficiency	95%			73%	
Pixel Size	11 μm x 11 μm			6.5 μm x 6.5 μm	4.5 μm x 4.5 μm
Supported Interfaces	PCIe and USB 3			USB 3.2 Gen 2	
Spectrum Capabilities	UV (200-440 nm) Visible (400-700 nm) Near Infrared (700-1000 nm)			UV (200-400 nm) Visible (400-700 nm) Near Infrared (700-1000 nm)	
Read Noise (median)	1.6 e-			1.0 e-	2.2 e-
Megapixels	1.44	2	2.58	4.2	7
Sensor Area	13.2 x 13.2 mm 18.7 mm diagonal	15.5 x 15.5 mm 22 mm diagonal	17.69 x 17.69 mm 25 mm diagonal	13.3 x 13.3 mm 18.8 mm diagonal	14.4 x 9.9mm 17.5mm diagonal
Frame Rate	40fps @ 16-bit 80fps @ 12-bit	34fps @ 16-bit 68fps @ 12-bit	30fps @ 16-bit 60fps @ 12-bit	43 fps @ 16-bit 63 fps @ 11-bit	50fps @ 12-bit