

Table 1. Camera & Lens Properties

Property	Unit	Value
Camera Model		Canon EOS100D
Cost	US \$	~ 400
Pixels	#	3476×5208
Sensor Size	mm	14.9×22.3
Pixel Size	μm	4.3
Lens Model		Rokinon 85M-C
Cost	US \$	~ 270
Focal Length	mm	85
F-number		$f/1.4$
Pixel Scale	arcsec / pixel	~ 10.31
FOV	degree	~ 10×15

Table 2. Canon EOS100D Sensor Properties at ISO 100

Property	Unit	Value
Gain	e^- / ADU	1.50
Bias (built-in)	ADU	2048
Readout Noise	e^-	10.47
Saturation	e^-	17187^a
Saturation	ADU	11535^a

^aBias removed