## Plate Scale Calculator

Telescope Focal Length	2000		telescope focal length in millimeters	
Sensor Pixel Pitch	2.315		sensor pixel pitch in microns	
Reducer	1.0		a number such as 0.8 or 0.75	
Binning	1x1	0.239	plate scale, in arcseconds per pixel	
	2x2	0.478	arcseconds per pixel	23.4 MB per FITS file
	3x3	0.716	arcseconds per pixel	
	4x4	0.955	arcseconds per pixel	5.85 MB per FITS file
Sensor Width	8288		number of pixels in sensor row	
Sensor Height	5644		number of sensor columns	
Image Width		33.0	image width in arcseconds	
Image Height		22.5	image height in arcseconds	