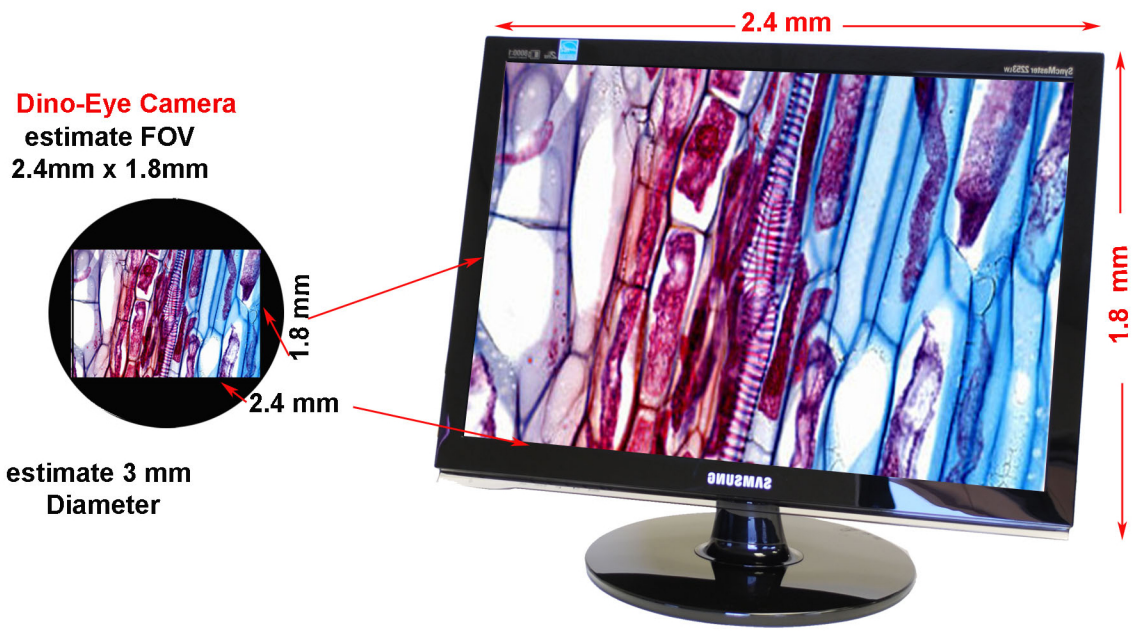
Eyepiece Field of View

Below are several example configurations, along with an estimate of the human eye field of view (FOV) for comparison.

Compound Microscope

	Ocular 20x with Ojective Lens 4x = 80x	Ocular 16x with Ojective Lens 10x = 160x
Human Eye	**3 x 3 mm**	**1.5 x 1.5 mm**
Dino-Eye Model	**FOV**	**FOV**
AM7025X	2.4 mm x 1.8 mm	0.96 mm x 0.72 mm
AM4023X	1.28 mm x 0.97 mm	0.42 mm x 0.31 mm



The AM series eyepiece cameras are equivalent to a 20x eyepiece (most traditional eyepiece are using 16x or 10x). Thus for a given objective lens, the eyepiece cameras will usually provide a smaller field of view and larger magnification of the original image when compared to the traditional eyepiece. To achieve a larger field of view with the DinoEye, use a less powerful objective lens, or attach a reducer lens such as a 0.5x lens.