



60° ConoscopeXR

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| Acceptance Angle | ±60° | Measured from axis to edge of field |
| Entrance Pupil Diameter | 2.0mm | |
| Object Distance | Infinity | Infinity is appropriate for displays |
| Front Working Distance | 1.5mm of air | Distance from sample to lens |
| Image Diameter | 8.6mm | |
| Camera | Sony IMX183 | 2.4µm pixels |
| Resolution | 0.067°/px | With 2x2 binning |
| MTF | >20% at 5 cy/° (70cy/mm) | Average as built, graph on second page |
| Distortion | <1.7% | Can be calibrated out |
| CRA Control | <3° | Maximum chief ray angle |
| Peak Wavelength | 540nm | |
| Wavelength Range | 405-780nm | Extended wavelength range |
| Relative Illumination | No vignetting | Falls off approximately as $\cos \theta$ |
| Coating | AR coating for R<0.5% | For incident angles in the range up to 50° |
| Mount | Yoke | |
| Barrel Size | 225mm long | Length = sample to image plane |
| Camera Mount | C-Mount | |



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