60° ConoscopeXR

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 θ
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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