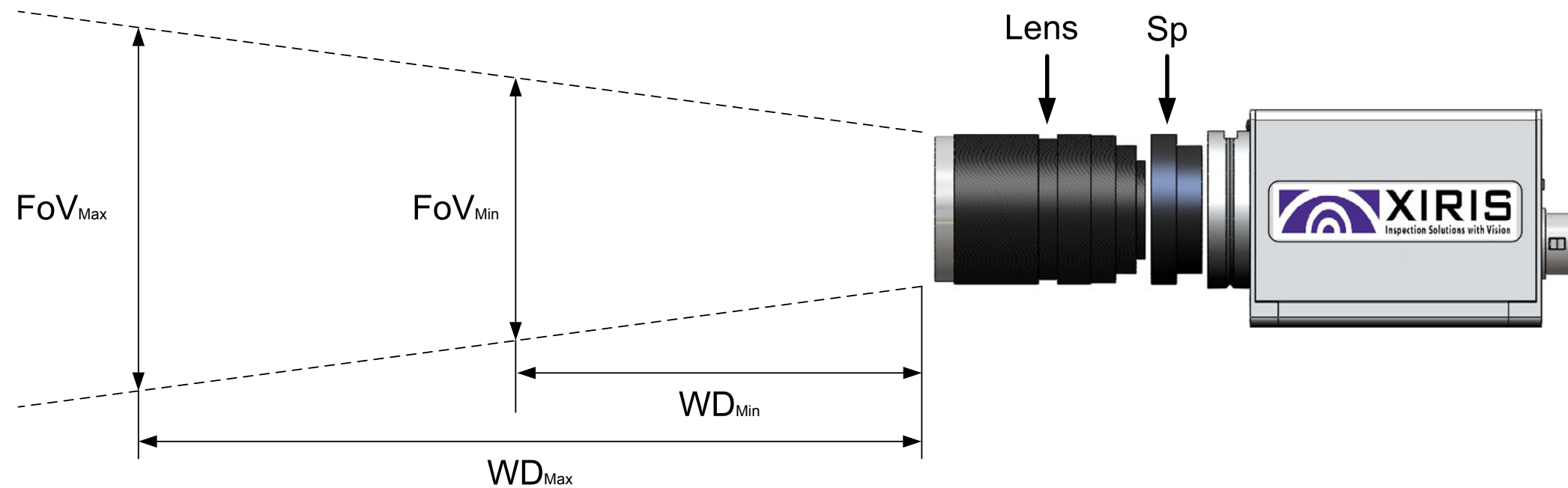



Xiris Weld View XVC-1000 Camera Lens Specifications



XVC-1000 Lens Chart

Lens	F = 16 mm				F = 25 mm				F = 35 mm				F = 50 mm				F = 75 mm			
	WD		FoV		WD		FoV		WD		FoV		WD		FoV		WD		FoV	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Sp = 0	167	∞	102x80	30.97° (H) 25.17° (V)	250	∞	88x70	20.00° (H) 15.64° (V)	344	∞	90x72	14.76° (H) 11.86° (V)	810	∞	132x106	10.05° (H) 7.58° (V)	560	∞	61x48	6.90° (H) 5.20° (V)
Sp = 0.5	118	737	75x58	416x335	210	>1500	75x59	20.00° (H) 15.64° (V)	291	>1500	77x60	14.76° (H) 11.86° (V)	690	>1500	112x90	10.05° (H) 7.58° (V)	537	>1500	58x47	6.90° (H) 5.20° (V)
Sp = 1	95	275	63x49	165x127	182	820	65x52	285x228	256	>1500	68x53	14.76° (H) 11.86° (V)	635	>1500	102x82	10.05° (H) 7.58° (V)	516	>1500	56x44	6.90° (H) 5.20° (V)
Sp = 5	22	34	22x17	29x23	81	122	30x24	44x35	130	226	35x28	61x48	349	560	52x41	91x71	398	1150	41x32	130x105
Sp = 10													238	299	33x26	44x35	313	595	31x25	65x52

Notes: FoV – Field of View
 WD – Working Distance
 Sp – Spacer between lens and Camera Body
 5mm extension ring (for C-mount) is applied during measurement
 Min and Max values are achievable via changing the focus on C-mount lens
 Adding any filters or protection glasses will slightly change the above specs
 Allow up to 10% deviation for optics due to manufacturing tolerance

 XIRIS Inspection Solutions with Vision		XIRIS AUTOMATION INC.			
		TITLE XVC-1000 Lens Chart			
DATE	2015-01-09	SIZE	XIRIS P/N	DWG NO	REV
				812-451-01	2
	DZ	SCALE	NTS	SHEET	1 OF 1