



1719 21st Street Santa Monica, CA 90404

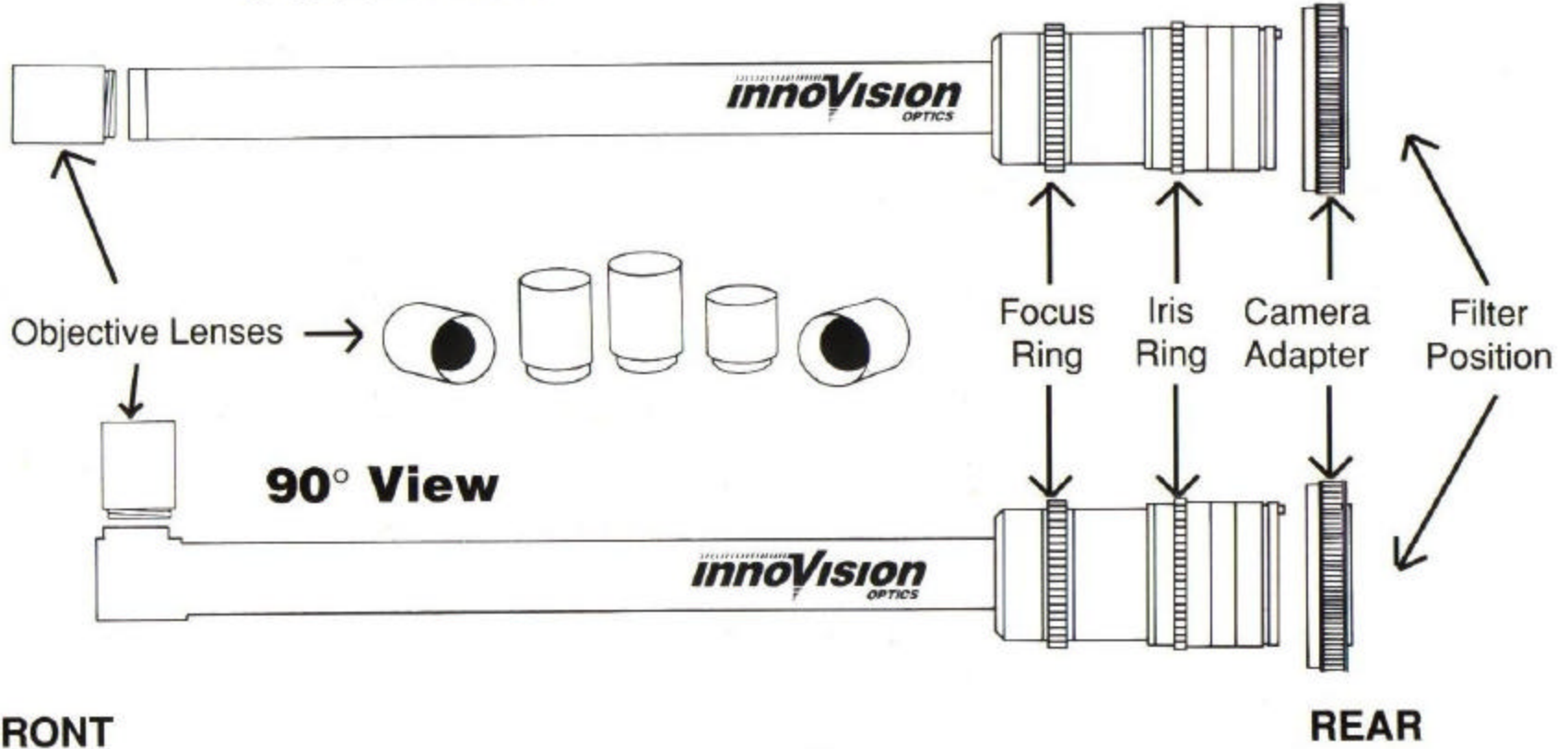


Video Probe I Lens System Manual & Depth of Field Charts

For additional technical support
Please Call InnoVision Optics at 310-453-4866

www.innovisionoptics.com

Direct View



Warning: This lens is NOT waterproof

Video Probe I Minimum Focus Chart

Lens	Minimum Focus
5mm	0.3 Inch
6.5mm	0.5 Inch
9mm	1.3 Inches
12.5mm	2 Inches
18mm	5 Inches
28mm	11 Inches
40mm	22 Inches
60mm	45 Inches

Video Probe I**LENS: 28 mm**

Circle of Confusion: 0.00083

T-Stop

Distance(in)	10	11	12	13	14	15	16	17	18	
8	Near	9.482	10.376	11.262	12.138	13.005	13.864	14.714	15.555	16.388
	Far	10.578	11.703	12.842	13.994	15.160	16.339	17.533	18.741	19.963
11	Near	9.301	10.160	11.008	11.843	12.668	13.481	14.283	15.075	15.856
	Far	10.812	11.991	13.189	14.407	15.646	16.905	18.186	19.489	20.815
16	Near	9.015	9.820	10.609	11.383	12.142	12.887	13.619	14.337	15.041
	Far	11.227	12.503	13.811	15.153	16.529	17.941	19.390	20.879	22.408
22	Near	8.694	9.440	10.167	10.876	11.567	12.241	12.899	13.541	14.168
	Far	11.768	13.178	14.640	16.156	17.730	19.365	21.064	22.832	24.674
32	Near	8.206	8.868	9.507	10.124	10.720	11.296	11.854	12.395	12.918
	Far	12.797	14.482	16.266	18.160	20.173	22.316	24.604	27.051	29.674

T-Stop

Distance(in)	20	22	24	26	28	30	36	48	60	
8	Near	18.030	19.639	21.218	22.766	24.285	25.775	30.083	38.027	45.186
	Far	22.454	25.006	27.622	30.305	33.058	35.882	44.816	65.065	89.265
11	Near	17.387	18.879	20.334	21.751	23.133	24.482	28.336	35.278	41.357
	Far	23.537	26.356	29.280	32.312	35.460	38.729	49.347	75.074	109.248
16	Near	16.413	17.736	19.013	20.247	21.440	22.593	25.836	31.485	36.239
	Far	25.594	28.963	32.533	36.320	40.345	44.633	59.349	100.958	174.263
22	Near	15.378	16.534	17.639	18.696	19.708	20.678	23.362	27.887	31.553
	Far	28.593	32.864	37.537	42.671	48.337	54.624	78.422	172.205	609.621
32	Near	13.917	14.856	15.742	16.579	17.370	18.119	20.147	23.425	25.958
	Far	35.532	42.376	50.479	60.222	72.161	87.132	168.881	INFINITY	INFINITY

Video Probe I**LENS: 40 mm**

Circle of Confusion: 0.00083

T-Stop

Distance(in)	20	22	24	26	28	30	32	34	36	
8	Near	18.983	20.776	22.551	24.308	26.047	27.769	29.475	31.163	32.835
	Far	21.132	23.377	25.648	27.945	30.269	32.620	34.999	37.405	39.840
11	Near	18.628	20.352	22.052	23.729	25.383	27.016	28.628	30.218	31.787
	Far	21.590	23.939	26.326	28.752	31.218	33.725	36.273	38.865	41.500
16	Near	18.065	19.681	21.267	22.823	24.349	25.848	27.319	28.763	30.182
	Far	22.399	24.938	27.539	30.205	32.939	35.742	38.617	41.568	44.597
22	Near	17.433	18.933	20.396	21.822	23.214	24.572	25.898	27.193	28.457
	Far	23.454	26.252	29.151	32.156	35.272	38.505	41.864	45.354	48.984
32	Near	16.472	17.805	19.093	20.337	21.541	22.705	23.832	24.924	25.983
	Far	25.452	28.781	32.303	36.034	39.993	44.201	48.685	53.470	58.589

T-Stop

Distance(in)	38	40	42	44	46	48	50	60	72	
8	Near	34.491	36.131	37.754	39.363	40.956	42.534	44.097	51.695	60.363
	Far	42.304	44.798	47.321	49.876	52.461	55.078	57.728	71.483	89.194
11	Near	33.336	34.866	36.376	37.866	39.338	40.792	42.227	49.145	56.914
	Far	44.181	46.907	49.682	52.505	55.378	58.303	61.280	77.011	97.968
16	Near	31.575	32.944	34.288	35.610	36.909	38.185	39.440	45.410	51.965
	Far	47.708	50.903	54.187	57.562	61.034	64.606	68.282	88.403	117.178
22	Near	29.692	30.900	32.080	33.233	34.362	35.466	36.546	41.615	47.055
	Far	52.762	56.699	60.803	65.086	69.559	74.237	79.132	107.483	153.233
32	Near	27.008	28.004	28.969	29.907	30.818	31.703	32.563	36.528	40.653
	Far	64.077	69.977	76.337	83.211	90.666	98.778	107.639	167.869	314.541

Video Probe I**LENS: 60 mm**

Circle of Confusion: 0.00083

T-Stop

Distance(in)	40	41	42	43	44	45	46	47	48	
8	Near	38.183	39.093	40.001	40.907	41.811	42.713	43.613	44.511	45.406
	Far	41.999	43.103	44.210	45.319	46.431	47.546	48.664	49.784	50.908
11	Near	37.543	38.422	39.299	40.174	41.045	41.914	42.780	43.644	44.505
	Far	42.801	43.948	45.099	46.254	47.413	48.577	49.744	50.915	52.091
16	Near	36.523	37.355	38.183	39.008	39.829	40.647	41.461	42.272	43.079
	Far	44.209	45.433	46.664	47.902	49.146	50.397	51.655	52.919	54.191
22	Near	35.370	36.150	36.925	37.696	38.462	39.224	39.982	40.735	41.484
	Far	46.024	47.353	48.692	50.041	51.401	52.771	54.151	55.543	56.945
32	Near	33.602	34.305	35.003	35.694	36.381	37.062	37.737	38.408	39.073
	Far	49.407	50.941	52.494	54.066	55.656	57.266	58.895	60.545	62.214

T-Stop

Distance(in)	50	52	54	56	58	60	66	72	84	
8	Near	47.192	48.970	50.740	52.501	54.255	56.002	61.194	66.318	76.367
	Far	53.163	55.430	57.708	59.998	62.300	64.613	71.625	78.747	93.329
11	Near	46.219	47.923	49.616	51.300	52.973	54.636	59.567	64.412	73.850
	Far	54.455	56.836	59.234	61.649	64.081	66.532	73.990	81.615	97.385
16	Near	44.683	46.273	47.850	49.414	50.965	52.503	57.040	61.467	70.005
	Far	56.753	59.344	61.963	64.611	67.288	69.995	78.299	86.889	104.989
22	Near	42.969	44.438	45.891	47.327	48.748	50.153	54.277	58.271	65.888
	Far	59.781	62.663	65.590	68.565	71.587	74.659	84.181	94.193	115.843
32	Near	40.388	41.683	42.958	44.215	45.452	46.671	50.223	53.623	60.007
	Far	65.616	69.104	72.681	76.352	80.118	83.985	96.231	109.541	139.960