

CLamCam Video

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Founding Member: "That Dam Casablanca Cult"

The data in the following table were collected using the indicated diopter values on a Sony PD100 (TRV900) camcorder. The "min-max" values show the horizontal physical subject width that just fills the horizontal field of view of the camcorder with the given subject-to-lens distance. The diopter values greater than +4 were obtained by appropriate combinations of +1 through +4 individual lenses.

Diopter Adapters Only														
	+1		+2		+3		+4		+5		+6		+7	
	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens
Min	1.375	17.50	1.000	12.00	0.750	9.00	0.625	7.75	0.563	6.50	0.438	5.50	0.344	4.75
Max	2.625	40.50	1.250	19.00	0.875	13.25	0.688	10.00	0.563	8.00	0.438	6.50	0.344	5.75

With Diopter Adapters and 2X Teleconverter (Full Zoom)														
	+1		+2		+3		+4		+5		+6		+7	
	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens	Image size	Subject-to-lens
Min	2.375	46.00	1.625	30.50	1.250	23.00	1.000	18.00	0.875	14.50	0.375	11.75	0.344	10.25
Max	4.125	101.00	2.125	50.00	1.375	33.00	1.125	24.00	0.875	17.50	0.375	14.75	0.344	12.00