

## Telecentric Zoom SPECIFICATIONS

Zoom Objective		0.75X TUBE (1/3")				1.0X TUBE (1/2")				1.38X TUBE (2/3")			
		LOW		HIGH		LOW		HIGH		LOW		HIGH	
<b>0.18X Objective</b> <b>30-57-27</b> <b>WD: 84mm</b>	NA	0.0033		0.033		0.0033		0.033		0.0033		0.033	
	MAG	0.10		1.0		0.13		1.3		0.18		1.8	
	DOF	49.0		0.49		49.0		0.49		49.0		0.49	
	F. 1/4"	27.1	x 36.3	2.7	x 3.6	20.3	x 27.2	2.0	x 2.7	14.8	x 19.8	1.4	x 1.9
	O. 1/3"	35.8	x 47.7	3.5	x 4.7	26.8	x 35.8	2.6	x 3.5	19.5	x 26.0	1.9	x 2.6
V. mm	1/2"	---	---	---	---	35.8	x 47.7	3.5	x 4.7	26.0	x 34.7	2.6	x 3.4
	2/3"	---	---	---	---	---	---	---	---	35.8	x 47.7	3.5	x 4.7
<b>0.25X Objective</b> <b>30-57-28</b> <b>WD: 78mm</b>	NA	0.0047		0.047		0.0047		0.047		0.0047		0.047	
	MAG	0.14		1.4		0.19		1.9		0.26		2.6	
	DOF	25.0		0.25		25.0		0.25		25.0		0.25	
	F. 1/4"	19.4	x 25.9	1.9	x 2.6	14.5	x 19.4	1.4	x 1.9	10.5	x 14.1	1.0	x 1.4
	O. 1/3"	25.6	x 34.1	2.5	x 3.4	19.2	x 25.6	1.9	x 2.5	13.9	x 18.6	1.4	x 1.8
V. mm	1/2"	---	---	---	---	25.6	x 34.1	2.5	x 3.4	18.6	x 24.8	1.8	x 2.4
	2/3"	---	---	---	---	---	---	---	---	25.6	x 34.1	2.5	x 3.4
<b>0.33X Objective</b> <b>30-57-29</b> <b>WD: 79mm</b>	NA	0.0062		0.062		0.0062		0.062		0.0062		0.062	
	MAG	0.19		1.9		0.25		2.5		0.34		3.4	
	DOF	14.1		0.14		14.1		0.14		14.1		0.14	
	F. 1/4"	14.5	x 19.4	1.4	x 1.9	10.9	x 14.6	1.0	x 1.4	7.9	x 10.6	0.79	x 1.0
	O. 1/3"	19.2	x 25.6	1.9	x 2.5	14.4	x 19.2	1.4	x 1.9	10.4	x 13.9	1.0	x 1.4
V. mm	1/2"	---	---	---	---	19.2	x 25.6	1.9	x 2.5	13.9	x 18.6	1.4	x 1.8
	2/3"	---	---	---	---	---	---	---	---	19.2	x 25.6	1.9	x 2.5
<b>0.5X Objective</b> <b>30-57-30</b> <b>WD: 163mm</b>	NA	0.0094		0.094		0.0094		0.094		0.0094		0.094	
	MAG	0.28		2.8		0.38		3.8		0.52		5.2	
	DOF	6.2		0.062		6.2		0.062		6.2		0.062	
	F. 1/4"	9.7	x 12.9	0.97	x 1.3	7.2	x 9.7	0.72	x 0.97	5.2	x 7.0	0.52	x 0.70
	O. 1/3"	12.8	x 17.0	1.2	x 1.7	9.6	x 12.8	0.96	x 1.2	6.9	x 9.3	0.69	x 0.93
V. mm	1/2"	---	---	---	---	12.8	x 17.0	1.2	x 1.7	9.3	x 12.4	0.93	x 1.2
	2/3"	---	---	---	---	---	---	---	---	12.8	x 17.0	1.2	x 1.7
<b>1.0X Objective</b> <b>33-57-31</b> <b>WD: 75mm</b>	NA	0.019		0.19		0.019		0.19		0.019		0.19	
	MAG	0.56		5.6		0.75		7.5		1.03		10.3	
	DOF	1.5		0.015		1.5		0.015		1.5		0.015	
	F. 1/4"	4.8	x 6.4	0.48	x 0.64	3.6	x 4.8	0.36	x 0.48	2.6	x 3.5	0.26	x 0.35
	O. 1/3"	6.4	x 8.5	0.64	x 0.85	4.8	x 6.4	0.48	x 0.64	3.4	x 4.6	0.34	x 0.46
V. mm	1/2"	---	---	---	---	6.4	x 8.5	0.64	x 0.85	4.6	x 6.2	0.46	x 0.62
	2/3"	---	---	---	---	---	---	---	---	6.4	x 8.5	0.64	x 0.85

"---" Indicates conditions where zoom magnification range is limited due to vignetting.