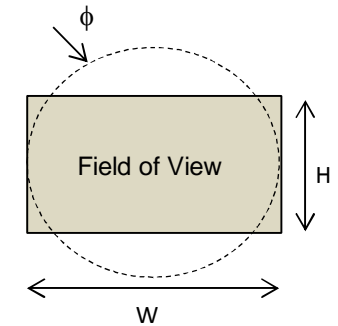


Optical data **W30x FreeSight, Full HD 1080p**

On-screen Magnification vs. Optical Magnification, Filed of View and Working Distance at different Zoom Factors

Zoom factor W30x FreeSight	Magnification On-screen 24" LCD	Magnification Optical	Field of View [mm]		Working distance [mm]
			FoV (W)	FoV (H)	
1x zoom	0.9 x	0.4 x	550	309	500
x2	2.0 x	0.8 x	262	147	500
x3	3.0 x	1.2 x	176	99	500
x4	3.9 x	1.6 x	134	75	500
x5	5 x	1.9 x	110	62	500
x6	6 x	2.3 x	91	51	500
x7	7 x	2.7 x	78.5	44.2	500
x8	8 x	3.0 x	69.0	38.8	500
x9	8 x	3.4 x	61.5	34.6	500
x10	9 x	3.8 x	56.0	31.5	500
x11	10 x	4.2 x	50.5	28.4	500
x12	11 x	4.5 x	46.5	26.2	500
x13	12 x	4.9 x	43.0	24.2	500
x14	13 x	5.3 x	40.0	22.5	500
x15	14 x	5.7 x	37.0	20.8	500
x16	15 x	6.0 x	35.0	19.7	500
x17	16 x	6.4 x	33.0	18.6	500
x18	17 x	6.8 x	31.0	17.4	500
x19	17 x	7.0 x	30.0	16.9	500
x20	19 x	7.5 x	28	15.8	500
x21	20 x	7.9 x	26.5	14.9	500
x22	21 x	8.4 x	25.0	14.1	500
x23	22 x	8.8 x	24.0	13.5	500
x24	23 x	9.1 x	23.0	12.9	500
x25	24 x	9.5 x	22.0	12.4	500
x26	25 x	9.9 x	21.2	11.9	500
x27	25 x	10.2 x	20.6	11.6	500
x28	26 x	10.6 x	19.8	11.1	500
x29	27 x	10.9 x	19.2	10.8	500
x30	28 x	11.4 x	18.5	10.4	480
30x with +2	57 x	23 x	9.2	5.2	200
30x with +5	75 x	30 x	6.9	3.9	120
30x with +10	118 x	48 x	4.4	2.5	70
30x with +5+10	168 x	68 x	3.10	1.7	45

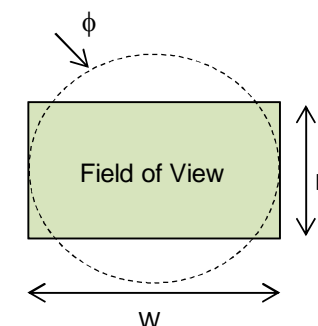


* Comparison is made to Optical magnification of **Leica M Series Stereomicroscopes**

Optical data **W30x FreeSight, HD 720p**

On-screen Magnification vs. Optical Magnification, Filed of View and Working Distance at different Zoom Factors

Zoom factor W30x FreeSight	Magnification On-screen 24" LCD	Magnification Optical*	Field of View [mm]		Working distance [mm]
			FoV (W)	FoV (H)	
1x zoom	1.4 x	0.6 x	377	212	500
x2	2.9 x	1.2 x	180	101	500
x3	4.3 x	1.7 x	121	68	500
x4	5.7 x	2.3 x	92	52	500
x5	7 x	2.8 x	75	42	500
x6	8 x	3.4 x	62.4	35.1	500
x7	10 x	3.9 x	53.8	30.3	500
x8	11 x	4.4 x	47.3	26.6	500
x9	12 x	5.0 x	42.2	23.7	500
x10	14 x	5.5 x	38.4	21.6	500
x11	15 x	6.1 x	34.6	19.5	500
x12	16 x	6.6 x	31.9	17.9	500
x13	18 x	7.1 x	29.5	16.6	500
x14	19 x	7.7 x	27.4	15.4	500
x15	20 x	8.3 x	25.4	14.3	500
x16	22 x	8.8 x	24.0	13.5	500
x17	23 x	9.3 x	22.6	12.7	500
x18	24 x	9.9 x	21.3	12.0	500
x19	25 x	10.2 x	20.6	11.6	500
x20	27 x	10.9 x	19.2	10.8	500
x21	29 x	11.6 x	18.2	10.2	500
x22	30 x	12.3 x	17.1	9.6	500
x23	32 x	12.8 x	16.5	9.3	500
x24	33 x	13.3 x	15.8	8.9	500
x25	34 x	13.9 x	15.1	8.5	500
x26	36 x	14.4 x	14.5	8.2	500
x27	37 x	14.9 x	14.1	7.9	500
x28	38 x	15.5 x	13.6	7.6	500
x29	39 x	16.0 x	13.2	7.4	500
x30	41 x	16.6 x	12.7	7.1	480
30x with +2	82 x	33 x	6.3	3.5	200
30x with +5	110 x	44 x	4.7	2.7	120
30x with +10	172 x	70 x	3.0	1.7	70
30x with +5+10	245 x	99 x	2.13	1.2	45



* Comparison is made to Optical magnification of **Leica M Series Stereomicroscopes**