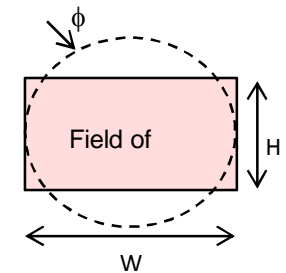


## Optical data W30x and M30x Full HD 1080p

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

Zoom factor W30x-HD	Magnification On-screen 24" LCD	Magnification Optical	Field of View [mm]		Working distance [mm]
			FoV (W)	FoV (H)	
1x zoom	1.8 x	0.7 x	294	165	241
x2	3.6 x	1.5 x	143	80	241
x3	5.4 x	2.2 x	97	54.4	241
x4	7.1 x	2.9 x	73	41.3	241
x5	9 x	3.5 x	59	33.4	241
x6	10 x	4.2 x	50	27.9	241
x7	12 x	4.9 x	42.5	23.9	241
x8	14 x	5.7 x	37.1	20.9	241
x9	16 x	6.3 x	33.3	18.7	241
x10	17 x	7.0 x	30.1	16.9	241
x11	19 x	7.7 x	27.4	15.4	241
x12	21 x	8.5 x	24.7	13.9	241
x13	22 x	9.1 x	23.1	13.0	241
x14	24 x	9.8 x	21.5	12.1	241
x15	26 x	10.6 x	19.9	11.2	241
x16	28 x	11.2 x	18.8	10.6	241
x17	29 x	11.8 x	17.7	10.0	241
x18	31 x	12.6 x	16.7	9.4	241
x19	32 x	13.0 x	16.1	9.1	241
x20	35 x	14.1 x	14.9	8.4	241
x21	36 x	14.6 x	14.3	8.1	241
x22	38 x	15.2 x	13.8	7.8	241
x23	41 x	16.5 x	12.7	7.2	241
x24	43 x	17.2 x	12.2	6.9	241
x25	45 x	18.0 x	11.7	6.6	241
x26	45 x	18.3 x	11.5	6.5	241
x27	47 x	18.8 x	11.2	6.3	241
x28	49 x	19.8 x	10.6	6.0	241
x29	50 x	20.4 x	10.3	5.8	241
x30	52 x	21.0 x	10.0	5.6	241
30x with +2	81 x	33 x	6.4	3.6	150
30x with +5	95 x	38 x	5.5	3.1	95
30x with +10	144 x	58 x	3.6	2.0	60
30x with +5+10	196 x	79 x	2.65	1.5	40



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

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

Zoom factor W30x-HD	Magnification	Magnification	Field of View [mm]		Working distance [mm]
	On-screen 24" LCD	Optical*	FoV (W)	FoV (H)	
1x zoom	2.6 x	1.0 x	201	113	245
x2	5.3 x	2.1 x	98	55	245
x3	7.8 x	3.2 x	66.3	37.3	245
x4	10.3 x	4.2 x	50.4	28.3	245
x5	13 x	5.2 x	40.7	22.9	245
x6	15 x	6.2 x	34.1	19.2	245
x7	18 x	7.2 x	29.1	16.4	245
x8	20 x	8.3 x	25.4	14.3	245
x9	23 x	9.2 x	22.9	12.9	245
x10	25 x	10.2 x	20.6	11.6	245
x11	28 x	11.2 x	18.8	10.6	245
x12	31 x	12.4 x	17.0	9.5	245
x13	33 x	13.3 x	15.8	8.9	245
x14	35 x	14.2 x	14.7	8.3	245
x15	38 x	15.4 x	13.6	7.7	245
x16	40 x	16.3 x	12.9	7.3	245
x17	43 x	17.3 x	12.2	6.8	245
x18	46 x	18.4 x	11.4	6.4	245
x19	47 x	19.0 x	11.1	6.2	245
x20	51 x	20.6 x	10.2	5.7	245
x21	53 x	21.4 x	9.8	5.5	245
x22	55 x	22.2 x	9.5	5.3	245
x23	60 x	24.0 x	8.7	4.9	245
x24	62 x	25.1 x	8.4	4.7	245
x25	65 x	26.2 x	8.0	4.5	245
x26	66 x	26.7 x	7.9	4.4	245
x27	68 x	27.5 x	7.6	4.3	245
x28	71 x	28.8 x	7.3	4.1	245
x29	74 x	29.7 x	7.1	4.0	245
x30	76 x	30.7 x	6.8	3.9	245
30x with +2	118 x	48 x	4.4	2.5	150
30x with +5	138 x	56 x	3.8	2.1	95
30x with +10	211 x	85 x	2.5	1.4	60
30x with +5+10	286 x	116 x	1.82	1.0	40

