



## Optical data **INSPECTIS U30, U30s**

Zoom factor	Mag. on 24" LCD	Mag. On 28" LCD	Mag. Optical	FoV (W) [mm]	FoV (H) [mm]	WD range [mm]
1x zoom	1,7 x	2,0 x	x0,7	301,9	169,8	* s > 228-178
2x	3,3 x	3,8 x	x1,3	159,6	89,8	s > 228-178
3x	4,8 x	5,6 x	x1,9	107,9	60,7	s > 228-178
4x	6,4 x	7,4 x	x2,6	81,6	45,9	s > 228-178
5x	7,9 x	9,2 x	x3,2	65,6	36,9	s > 228-178
6x	9,5 x	11,0 x	x3,8	55,0	30,9	s > 228-178
7x	11,0 x	12,8 x	x4,4	47,3	26,6	s > 228-178
8x	13 x	14,7 x	x5,1	41,2	23,2	s > 228-178
9x	14,1 x	16,5 x	x5,7	36,8	20,7	s > 228-178
10x	16 x	18,3 x	x6,3	33,2	18,7	s > 228-178
11x	17,2 x	20,1 x	x7,0	30,2	17,0	s > 228-178
12x	19 x	21,8 x	x7,6	27,8	15,6	s > 228-178
13x	19,8 x	23,2 x	x8,0	26,2	14,7	s > 228-178
14x	22 x	25,5 x	x8,8	23,8	13,4	s > 228-178
15x	23,4 x	27,3 x	x9,5	22,2	12,5	s > 228-178
16x	25 x	28,9 x	x10,0	21,0	11,8	s > 228-178
17x	26,5 x	31,0 x	x10,7	19,6	11,0	s > 228-178
18x	28 x	32,6 x	x11,3	18,6	10,5	s > 228-178
19x	29,5 x	34,5 x	x11,9	17,6	9,9	s > 228-178
20x	31 x	36,3 x	x12,6	16,7	9,4	s > 228-178
21x	32,3 x	37,7 x	x13,0	16,1	9,1	s > 228-178
22x	34 x	39,4 x	x13,6	15,4	8,7	s > 228-178
23x	35,4 x	41,3 x	x14,3	14,7	8,3	s > 228-178
24x	37 x	43,3 x	x15,0	14,0	7,9	s > 228-178
25x	38,8 x	45,3 x	x15,7	13,4	7,5	s > 228-178
26x	41 x	47,8 x	x16,5	12,7	7,1	s > 228-178
27x	43,3 x	50,6 x	x17,5	12,0	6,8	s > 228-178
28x	46 x	53,2 x	x18,4	11,4	6,4	s > 228-178
29x	48,6 x	56,7 x	x19,6	10,7	6,0	s > 228-178
30x	52 x	60,7 x	x21,0	10,0	5,6	s > 228-178
30x with +1	64,2 x	74,9 x	x25,9	8,1	4,6	188-145
30x with +2	75 x	87,9 x	x30,4	6,9	3,9	159-128
30x with +3	87 x	101 x	x35	6,0	3,4	130-108
30x with +5	113 x	132 x	x45,7	4,6	2,6	100-75
30x with +10	168 x	196 x	x68	3,1	1,7	65-60

\* Maximum Working Distance range of U30s is more than indicated values at 1-29x zoom factors.



## Optical data INSPECTIS U10, U10s

Zoom factor	Mag. on 24" LCD	Mag. On 28" LCD	Mag. Optical	FoV (W) [mm]	FoV (H) [mm]	WD range [mm]
1x zoom	2.4 x	2,8 x	x1.0	218	122.6	* s > 228 - < 195
2x	4.8 x	5,6 x	x1.9	109	61.3	s > 228 - < 195
3x	7.2 x	8,4 x	x2.9	72.6	40.8	s > 228 - < 195
4x	9.5 x	11,1 x	x3.9	54.5	30.7	s > 228 - < 195
5x	11.9 x	13,9 x	x4.8	43.6	24.5	s > 228 - < 195
6x	14.3 x	16,7 x	x5.8	36.3	20.4	s > 228 - < 195
7x	16.7 x	19,5 x	x6.7	31.1	17.5	s > 228 - < 195
8x	19 x	22,3 x	x7.7	27.3	15.3	s > 228 - < 195
9x	21 x	25,0 x	x8.7	24.2	13.6	s > 228 - < 195
10x	24 x	28 x	x9.6	21.8	12.3	228 -195
10x with +1	29 x	34 x	x11,8	17.8	10.0	180-160
10x with +2	34 x	40 x	x14	15.1	8.5	158-140
10x with +3	40 x	46 x	x16	13.1	7.3	127-114
10x with +5	50 x	59 x	x20	10.3	5.8	100-90

\* Maximum Working Distance range of U10s is more than indicated values at 1-9x zoom factors.



## Optical data **INSPECTIS F30, F30s**

Zoom factor	Mag. on 24" LCD	Mag. On 27" LCD	Mag. Optical	FoV (W) [mm]	FoV (H) [mm]	WD range [mm]
1x zoom	1.9 x	2.2 x	x0.8	270	152	*s > 228 - < 187
2x	4.0 x	4.5 x	x1.6	131	73.7	s > 228 - < 187
3x	5.9 x	6.6 x	x2.4	88.8	50	s > 228 - < 187
4x	7.7 x	8.7 x	x3.1	67.5	38	s > 228 - < 187
5x	9.5 x	10.7 x	x3.8	54.6	30.7	s > 228 - < 187
6x	11.4 x	12.8 x	x4.6	45.7	25.7	s > 228 - < 187
7x	13.3 x	14.9 x	x5.4	39.2	22.1	s > 228 - < 187
8x	15 x	17.1 x	x6.1	34.2	19.3	s > 228 - < 187
9x	16.9 x	19.0 x	x6.8	30.8	17.3	s > 228 - < 187
10x	19 x	21.0 x	x7.6	27.8	15.6	s > 228 - < 187
11x	20.5 x	23.1 x	x8.3	25.3	14.2	s > 228 - < 187
12x	23 x	25.6 x	x9.2	22.8	12.8	s > 228 - < 187
13x	24.4 x	27.4 x	x9.8	21.3	12	s > 228 - < 187
14x	26 x	29.5 x	x10.6	19.9	11.2	s > 228 - < 187
15x	28.3 x	31.9 x	x11.4	18.4	10.3	s > 228 - < 187
16x	30 x	33.7 x	x12.1	17.4	9.8	s > 228 - < 187
17x	31.7 x	35.7 x	x12.8	16.4	9.2	s > 228 - < 187
18x	34 x	38.0 x	x13.6	15.4	8.7	s > 228 - < 187
19x	34.9 x	39.3 x	x14.1	14.9	8.4	s > 228 - < 187
20x	37 x	42.1 x	x15.1	13.9	7.8	s > 228 - < 187
21x	38.8 x	43.7 x	x15.7	13.4	7.5	s > 228 - < 187
22x	40 x	45.3 x	x16.3	12.9	7.3	s > 228 - < 187
23x	43.7 x	49.1 x	x17.6	11.9	6.7	s > 228 - < 187
24x	46 x	51.2 x	x18.4	11.4	6.4	s > 228 - < 187
25x	47.6 x	53.6 x	x19.2	10.9	6.1	s > 228 - < 187
26x	49 x	54.6 x	x19.6	10.7	6.0	s > 228 - < 187
27x	49.9 x	56.1 x	x20.1	10.4	5.9	s > 228 - < 187
28x	52 x	58.9 x	x21.2	9.9	5.6	s > 228 - < 187
29x	54.0 x	60.8 x	x21.8	9.6	5.4	s > 228 - < 187
30x	56 x	62.7 x	x22.5	9.3	5.2	228-187
30x with +1	68 x	77 x	x28	7.6	4.3	180-153
30x with +2	80 x	90 x	x32	6.5	3.7	156-136
30x with +3	90 x	101 x	x36	5.8	3.3	128-112
30x with +5	111 x	125 x	X45	4.7	2.6	96-87
30x with +10	170 x	190 x	X68	3.1	1.7	60-56

\* Maximum Working Distance range of F30s is more than indicated values at 1-29x zoom factors.



## Optical data INSPECTIS C12

Zoom factor	Mag. on 24" LCD	Mag. On 27" LCD	Mag. Optical	FoV (W) [mm]	FoV (H) [mm]	WD range [mm]
1x zoom	2.2 x	2.5 x	x0.9	232	130.5	240-190
2x	4.5 x	5.0 x	x1.8	116	65.3	240-190
3x	6.7 x	7.6 x	x2.7	77.3	43.5	240-190
4x	9.0 x	10.1 x	x3.6	58	32.6	240-190
5x	11.2 x	12.6 x	x4.5	46.4	26.1	240-190
6x	13.4 x	15.1 x	x5.4	38.7	21.8	240-190
7x	15.7 x	17.7 x	x6.3	33.1	18.6	240-190
8x	18 x	20.2 x	x7.2	29	16.3	240-190
9x	20 x	22.7 x	x8.1	25.8	14.5	240-190
10x	22 x	25 x	x9.1	23.2	13.1	240-190
11x	25 x	28 x	x10.0	21.1	11.9	240-190
12x	26 x	29 x	x10.4	20.2	11.4	240-190
12x with +1	31.5 x	35.5 x	X12.7	16.5	9.3	190-155
12x with +2	38 x	43 x	x23	13.7	7.7	155-125
12x with +5	54 x	61 x	x16	9.6	5.4	100-88
12x with +10	80 x	90 x	x23	6.5	3.7	60-55