

## Optical data Inspectis C12x

Optical Magnification, On-screen Magnification, Field of View and Working Distance at different Zoom factors:

Zoom Factor [x]	Optical Mag. [mm]	On-screen Mag. 24" monitor [x]	Field of View (H) [mm]	Field of View (V) [mm]	Working Distance [mm]
x1.0	0.9 x	2.2 x	232.2	130.6	240
x1.1	1.0 x	2.5 x	210.9	118.6	240
x1.2	1.1 x	2.7 x	193.4	108.8	240
x1.3	1.2 x	2.9 x	178.5	100.4	240
x1.4	1.3 x	3.1 x	165.7	93.2	240
x1.5	1.4 x	3.4 x	153.4	86.3	240
x1.6	1.4 x	3.6 x	145.0	81.6	240
x1.7	1.5 x	3.8 x	136.0	76.5	240
x1.8	1.6 x	4.0 x	129.0	72.6	240
x1.9	1.7 x	4.3 x	122.0	68.6	240
x2.0	1.8 x	4.5 x	115.0	64.7	240
x2.2	2.0 x	4.9 x	105.5	59.3	240
x2.4	2.2 x	5.4 x	95.8	53.9	240
x2.6	2.4 x	5.8 x	89.3	50.2	240
x2.8	2.5 x	6.3 x	82.7	46.5	240
x3.0	2.7 x	6.7 x	77.3	43.5	240
x3.2	2.9 x	7.2 x	72.5	40.8	240
x3.5	3.2 x	7.8 x	66.4	37.4	240
x4.0	3.6 x	8.9 x	58.3	32.8	240
x4.5	4.1 x	10.1 x	51.6	29.0	240
x5.0	4.5 x	11.2 x	46.6	26.2	240
x5.5	5.0 x	12.3 x	42.2	23.7	240
x6.0	5.4 x	13.5 x	38.6	21.7	240
x6.5	5.9 x	14.6 x	35.7	20.1	240
x7.0	6.3 x	15.7 x	33.2	18.7	240
x7.5	6.8 x	16.8 x	30.9	17.4	240
x8.0	7.2 x	17.9 x	29.0	16.3	240
x8.5	7.7 x	19.1 x	27.2	15.3	240
x9.0	8.1 x	20.0 x	26.0	14.6	240
x9.5	8.6 x	21.4 x	24.3	13.7	240
x10.0	9.1 x	22.6 x	23.0	12.9	240
x10.5	9.5 x	23.5 x	22.1	12.4	240
x11.0	10.0 x	24.6 x	21.1	11.9	240
x11.5	10.1 x	25.1 x	20.7	11.6	240
x12.0	10.5 x	26.0 x	20.0	11.3	240
x12 with +1	12.7 x	31.5 x	16.5	9.3	190
x12 with +2	15.3 x	38.0 x	13.7	7.7	155
x12 with +5	21.9 x	54.0 x	9.6	5.4	100
x12 with +10	32.3 x	80.0 x	6.5	3.7	60

Values are valid at maximum Working Distance