



## Optical data INSPECTIS F30, WD500

| Zoom factor | Mag. on 24" LCD | Mag. On 27" LCD | Mag. Optical | FoV (W) [mm] | FoV (H) [mm] | WD range [mm] |
|-------------|-----------------|-----------------|--------------|--------------|--------------|---------------|
| 1x zoom     | 0.9x            | 1.0 x           | x0.3         | 603          | 339          | <350 - >500   |
| 2x          | 1.8 x           | 2.1 x           | x0.7         | 285.0        | 160          | <350 - >500   |
| 3x          | 2.7 x           | 3.0 x           | x1.1         | 193.5        | 108.8        | < 350 - >500  |
| 4x          | 3.5 x           | 4.0 x           | x1.4         | 147.0        | 82.7         | < 350 - >500  |
| 5x          | 4.4 x           | 4.9 x           | x1.8         | 118.5        | 66.7         | < 350 - >500  |
| 6x          | 5.2 x           | 5.9 x           | x2.1         | 99.5         | 56.0         | < 350 - >500  |
| 7x          | 6.1 x           | 6.8 x           | x2.5         | 85.5         | 48.1         | < 350 - >500  |
| 8x          | 7 x             | 7.8 x           | x2.8         | 75.0         | 42.2         | < 350 - >500  |
| 9x          | 7.8 x           | 8.8 x           | x3.1         | 66.8         | 37.6         | < 350 - >500  |
| 10x         | 9 x             | 9.7 x           | x3.5         | 60.5         | 34.0         | < 350 - >500  |
| 11x         | 9.5 x           | 10.6 x          | x3.8         | 55.0         | 30.9         | < 350 - >500  |
| 12x         | 10 x            | 11.6 x          | x4.2         | 50.5         | 28.4         | < 350 - >500  |
| 13x         | 11.2 x          | 12.6 x          | x4.5         | 46.6         | 26.2         | < 350 - >500  |
| 14x         | 12 x            | 13.4 x          | x4.8         | 43.5         | 24.5         | < 350 - >500  |
| 15x         | 12.8 x          | 14.4 x          | x5.2         | 40.5         | 22.8         | < 350 - >500  |
| 16x         | 14 x            | 15.4 x          | x5.5         | 38.0         | 21.4         | < 350 - >500  |
| 17x         | 14.4 x          | 16.3 x          | x5.8         | 36.0         | 20.3         | < 350 - >500  |
| 18x         | 15 x            | 17.2 x          | x6.2         | 34.0         | 19.1         | < 350 - >500  |
| 19x         | 16.1 x          | 18.2 x          | x6.5         | 32.2         | 18.1         | < 350 - >500  |
| 20x         | 17 x            | 19.1 x          | x6.9         | 30.6         | 17.2         | < 350 - >500  |
| 21x         | 17.9 x          | 20.2 x          | x7.2         | 29.0         | 16.3         | < 350 - >500  |
| 22x         | 19 x            | 21.2 x          | x7.6         | 27.6         | 15.5         | < 350 - >500  |
| 23x         | 19.7 x          | 22.2 x          | x8.0         | 26.4         | 14.9         | < 350 - >500  |
| 24x         | 20 x            | 23.0 x          | x8.3         | 25.4         | 14.3         | < 350 - >500  |
| 25x         | 21.5 x          | 24.2 x          | x8.7         | 24.2         | 13.6         | < 350 - >500  |
| 26x         | 22 x            | 24.9 x          | x8.9         | 23.5         | 13.2         | < 350 - >500  |
| 27x         | 23.0 x          | 25.9 x          | x9.3         | 22.6         | 12.7         | < 350 - >500  |
| 28x         | 24 x            | 27.0 x          | x9.7         | 21.7         | 12.2         | < 350 - >500  |
| 29x         | 24.8 x          | 27.9 x          | x10.0        | 21.0         | 11.8         | < 350 - >500  |
| 30x         | 26 x            | 29.1 x          | x10.4        | 20.1         | 11.3         | 350-495       |
| 30x with +1 | 37 x            | 42 x            | x15          | 14.0         | 7.9          | 260-320       |
| 30x with +2 | 49 x            | 55 x            | x20          | 10.7         | 6.0          | 210-250       |
| 30x with +3 | 58 x            | 65 x            | x23          | 9.0          | 5.1          | 160-190       |
| 30x with +5 | 84 x            | 94 x            | x34          | 6.2          | 3.5          | 120-133       |

\* Maximum Working Distance range of F30 WD500 is wider than indicated values at 1-29x zoom factors.



## Optical data INSPECTIS F30, WD1000

| Zoom factor | Mag. on 24" LCD | Mag. On 27" LCD | Mag. Optical | FoV (W) [mm] | FoV (H) [mm] | WD range [mm] |
|-------------|-----------------|-----------------|--------------|--------------|--------------|---------------|
| 1x zoom     | 0.4 x           | 0.5 x           | x0.2         | 1180         | 664          | < 540 - >985  |
| 2x          | 0.9 x           | 1.0 x           | x0.4         | 558.0        | 314          | < 540 - >985  |
| 3x          | 1.4 x           | 1.6 x           | x0.6         | 377.0        | 212.1        | < 540 - >985  |
| 4x          | 1.8 x           | 2.0 x           | x0.7         | 286.0        | 160.9        | < 540 - >985  |
| 5x          | 2.3 x           | 2.5 x           | x0.9         | 231.0        | 129.9        | < 540 - >985  |
| 6x          | 2.7 x           | 3.0 x           | x1.1         | 194.0        | 109.1        | < 540 - >985  |
| 7x          | 3.1 x           | 3.5 x           | x1.3         | 166.5        | 93.7         | < 540 - >985  |
| 8x          | 4 x             | 4.0 x           | x1.4         | 146.0        | 82.1         | < 540 - >985  |
| 9x          | 4.0 x           | 4.5 x           | x1.6         | 130.3        | 73.3         | < 540 - >985  |
| 10x         | 4 x             | 5.0 x           | x1.8         | 117.5        | 66.1         | < 540 - >985  |
| 11x         | 4.9 x           | 5.5 x           | x2.0         | 106.8        | 60.1         | < 540 - >985  |
| 12x         | 5 x             | 6.0 x           | x2.1         | 98.0         | 55.1         | < 540 - >985  |
| 13x         | 5.7 x           | 6.4 x           | x2.3         | 91.0         | 51.2         | < 540 - >985  |
| 14x         | 6 x             | 6.9 x           | x2.5         | 84.5         | 47.5         | < 540 - >985  |
| 15x         | 6.6 x           | 7.4 x           | x2.7         | 79.0         | 44.4         | < 540 - >985  |
| 16x         | 7 x             | 7.9 x           | x2.8         | 73.8         | 41.5         | < 540 - >985  |
| 17x         | 7.5 x           | 8.4 x           | x3.0         | 69.6         | 39.2         | < 540 - >985  |
| 18x         | 8 x             | 8.9 x           | x3.2         | 65.6         | 36.9         | < 540 - >985  |
| 19x         | 8.3 x           | 9.4 x           | x3.4         | 62.5         | 35.2         | < 540 - >985  |
| 20x         | 9 x             | 9.9 x           | x3.6         | 59.0         | 33.2         | < 540 - >985  |
| 21x         | 9.3 x           | 10.4 x          | x3.8         | 56.0         | 31.5         | < 540 - >985  |
| 22x         | 10 x            | 10.9 x          | x3.9         | 53.5         | 30.1         | < 540 - >985  |
| 23x         | 10.2 x          | 11.4 x          | x4.1         | 51.2         | 28.8         | < 540 - >985  |
| 24x         | 11 x            | 11.9 x          | x4.3         | 49.0         | 27.6         | < 540 - >985  |
| 25x         | 11.1 x          | 12.5 x          | x4.5         | 46.7         | 26.3         | < 540 - >985  |
| 26x         | 12 x            | 12.9 x          | x4.6         | 45.2         | 25.4         | < 540 - >985  |
| 27x         | 11.9 x          | 13.4 x          | x4.8         | 43.6         | 24.5         | < 540 - >985  |
| 28x         | 12 x            | 13.9 x          | x5.0         | 42.0         | 23.6         | < 540 - >985  |
| 29x         | 12.8 x          | 14.4 x          | x5.2         | 40.5         | 22.8         | < 540 - >985  |
| 30x         | 13 x            | 15.0 x          | x5.4         | 39.0         | 21.9         | 540-985       |
| 30x with +2 | 27 x            | 30 x            | x11          | 19.2         | 10.8         | 410-490       |
| 30x with +3 | 39 x            | 43 x            | x16          | 13.5         | 7.6          | 270-320       |
| 30x with +5 | 61 x            | 69 x            | x25          | 8.5          | 4.8          | 170-190       |

\* Maximum Working Distance range of F30 WD1000 is wider than indicated values at 1-29x zoom factors.