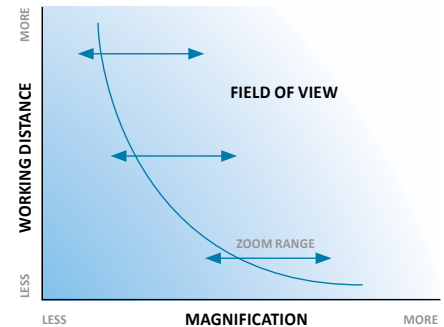


# TECHNICAL INFORMATION

There are several factors that are inseparable when selecting working magnification. As magnification increases, field of view and working distance decrease.



A range of objective lens options ensure optimum results for any application, whether for high magnification, high precision detailed inspections, or for manipulation, re-work and assembly tasks requiring an extra long working distance.



## Precision objective lenses

Ultra-high resolution and contrast, optimised for precision magnification work with definition excellence.

## Wide-field objective lenses

Wide field of view, provides maximum flexibility and large zoom range. Suitable for large area subjects.

## Micro objective lenses

High optical magnification of very small subject areas and details.

Objective lens	Magnification zoom range*	Working distance	Field of view at min.zoom	Field of view at max.zoom
Precision objective lenses				
0.45x	2.3x - 68x	160 mm	241 mm x 134 mm	7.8 mm x 4.2 mm
0.62x	3.1x - 93.7x	106 mm	173 mm x 96 mm	5.5 mm x 3.1 mm
1.0x	5x - 151.2x	85 mm	88 mm x 57 mm	3.5 mm x 2 mm
1.5x	7.6x - 226.8x	43 mm	45 mm x 36 mm	2.3 mm x 1.2 mm
2.0x	10x - 302.4x	29 mm	37 mm x 27 mm	1.5 mm x 1.0 mm
Wide-field objective lenses				
2 dioptre	0.8x - 24x	440 mm	660 mm x 370 mm	21.5 mm x 12.0 mm
3 dioptre	1.15x - 32.6x	300 mm	370 mm x 210 mm	14.7 mm x 8.4 mm
4 dioptre	1.71x - 51.41x	245 mm	293 mm x 171 mm	10 mm x 5.5 mm
5 dioptre	2.12x - 65.5x	197 mm	232 mm x 135 mm	8 mm x 4.5 mm
Micro objective lenses				
5x	250x - 362x	2.0 mm	2.2 mm x 1.2 mm	1.4 mm x 0.8 mm
10x	500x - 725x	2.1 mm	1.1 mm x 0.6 mm	0.7 mm x 0.4 mm

\*Using a 24 inch screen

## 360° Rotating viewer

Adding an extra dimension to standard 2D imaging, the 360° rotating viewer provides both direct and rotating oblique views of the subject and utilises the power of motion to enhance a users three dimensional understanding of the subject. Rotating around the centre of the image, the 34° degree oblique view allows views around the inside of holes or around the sides of raised components and solder joints.

