

# Inspectis Macro Lenses

+1, +2, +3, +5, +10, +28 and +56 Dioptre



Quality of Inspection

+1 to +56 diopter lenses attachable to the standard lens of Inspectis digital video microscopes when higher optical magnification is required.



Increases overall magnification of digital microscopes by 1.2 times (+1 diopter) to 11.7 time (+56 diopter).

## Optical data:

Lens @ Zoom factor	Magnification 28" monitor	Optical Magnification	Field of [mm]	Working Range [mm]	Resolution Power [Lp/mm]
+1 Diopter @1x zoom	2.1 x	0.7 x	163.2	> 228-178	4
+1 Diopter @30x zoom	75.4 x	26 x	4.54	188-145	64
+2 Diopter @1x zoom	3.1 x	1.1 x	109.06	> 159-128	6
+2 Diopter @30x zoom	88 x	30 x	3.9	159-128	80
+3 Diopter @2x zoom	6.6 x	2.3 x	52.05	> 130-108	16
+3 Diopter @30x zoom	106 x	36 x	3.24	130-108	128
+5 Diopter @2x zoom	8.6 x	3.0 x	39.89	> 100-75	20
+5 Diopter @30x zoom	132 x	46 x	2.6	100-75	161
+10 Diopter @2x zoom	12.7 x	4.4 x	26.82	> 65-60	228
+10 Diopter @30x zoom	193 x	67 x	1.77	65-60	228
+28 Diopter @10x zoom	124 x	42.7 x	2.76	> 18-16.5	228
+28 Diopter @30x zoom	417 x	144 x	0.82	18-16.5	362
+56 Diopter @10x zoom	214 x	74 x	1.60	> 18-17.5	323
+56 Diopter @30x zoom	719 x	249 x	0.48	18-17.5	512

\* Optical data in table is effective for U30/U30s digital microscopes

## Ordering Number/Name

HD-036	Inspectis Macro lens +1 diopter, 67mm (single element)
HD-037	Inspectis Macro lens +2 diopter, 67mm (single element)
HD-037-A	Inspectis Macro lens +2 diopter, 67mm (Achromatic)
HD-038	Inspectis Macro lens +3 diopter, 67mm (Achromatic)
HD-039	Inspectis Macro lens +5 diopter, 67mm (Achromatic)
HD-123	Inspectis Macro lens +10 diopter, 67mm (Achromatic)
HD-142	Inspectis High Magnification lens +28 diopter, 67mm
HD-143	Inspectis High Magnification lens +56 diopter, 67mm

Reseller:



V1, 2022

[www.inspect-is.com](http://www.inspect-is.com)