

Inspex HD 1080p



Full HD 1080p
Image Quality



Image Capture
to USB key



Integrated, Real-Time,
On-screen Dimensioning
Grids & Cursors.

Inspex HD 1080p Uesa FI801-018

The Inspex HD 1080p is a high definition camera inspection system offering superb 1080p full HD image quality, colour reproduction, contrast and resolution. Its versatile design makes it compatible with a wide range of mounting options. Real-time on-screen dimensioning is provided by integrated XY grids and cursors.

Key Features:

- Accurate & detailed inspection with superb HD image resolution, dynamic range of magnification levels & integrated LED illumination.
- Real-time on-screen dimensioning provided by integrated XY grids & cursors
- Less operator fatigue & improved production efficiencies due to ergonomic design enabling user to sit or stand in a comfortable and safe posture providing relief from back, neck and eye strain typically associated with traditional microscopes.
- Easy documentation & traceability for accurate quality control records using image capture to USB key.

Applications:

The Inspex HD 1080p is suited for repair & rework, quality control & failure diagnosis processes in industries such as: Automotive, aviation, electronics, engineering, forensics, jewellers, medical devices, packaging & labelling, pharmaceuticals and security.



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KPI External Keypad FI 801-008

The optional KPI unlocks integrated real-time on-screen dimensioning grids and cursors. It also allows access to a variety of functions including 3 Memory Presets, Exposure and Focus, Zoom, Brightness, LED Intensity, Image Capture...



MAGNIFICATION

Lens (Dioptre) (mm)	Focal Distance (mm)	Max Height (mm)	Min Height (mm)	Minimum Magnification* Optical/Digital	Maximum Magnification*	Field of view at minimum mag. (mm)	Field of view at maximum mag. (mm) Optical/Digital	Depth of field
4	250	250	205	1.8	51/98	X: 280 Y: 164	X: 10.2/5 Y: 5.5/2.4	100mm @1.8x 10mm @10x
5	200	200	170	2.3	62/122	X: 225 Y: 130	X: 7.9/3.9 Y: 4.2/2.1	80mm @2.5x 6mm @10x
10	100	100	90	4.4	121/237	X: 70 Y: 63	X: 5/2.4 Y: 2.2/1.1	2mm @30x 0.5mm @50x

Technical Specifications

Specifications	Vesa (FI801-018)	Table (FI 801-017)
Zoom Range (with supplied lens)	5D Lens – 2.3x to 122x	4D lens – 1.8x to 98x
Camera Resolution	HD 1080p, 1980 x 1080 at 50/60 Hz	HD 1080p, 1980 x 1080 at 50/60 Hz
Monitor Connections	HDMI / DVI	
Monitor Requirements	HD Ready or Full HD (recommended)	
Dimensions	37cm x 12cm x 14cm	Table 24cm x 41cm Folded Height 11cm, Raised Height 42cm Weight
Weight	1.2kg	2.5kg
Power	8 Watts	
Operating Temperature	Storage: -10 C to +60C Operating +5C to +40C	
Image capture	USB 2.0 highspeed	