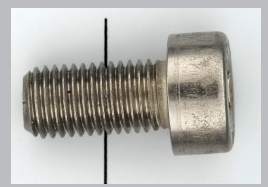
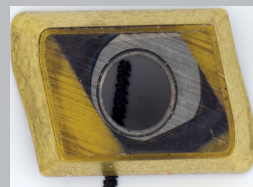
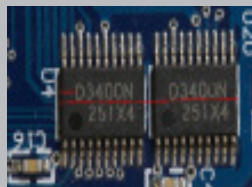
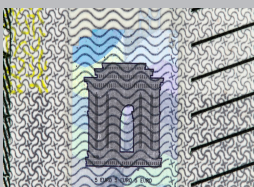
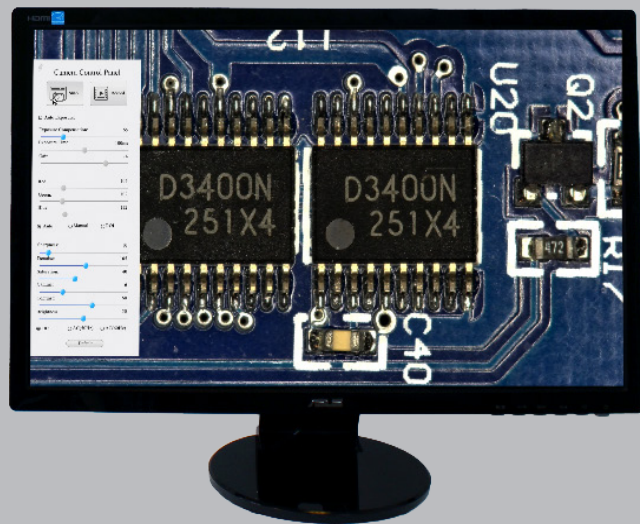




DPX M80

8X DIGITAL MICROSCOPE

- ▶ **Configurable**
- ▶ **Measurement**
- ▶ **High-speed live video**
- ▶ **Large field of view**
- ▶ **Cost effective**



DPX M80

Uncompromising Image Quality

The DPX M80 digital microscope provides super-high-resolution images at an affordable price with all necessary functions for precision measurements, image capture, documentation and traceable report generation as required by industrial applications. This microscope system is a unique combination of high quality optics, a high-quality track-stand, and a DeltaPix scientific HDMI or USB3 camera, which makes this system unique and indispensable tool.

Made for Ergonomic Use

The DPX M80 provides relief to eyes, neck and shoulders. The unique ergonomic design with flexible working distance between 160mm-38mm allows operators to sit comfortably in a good working posture and carry out their optical measurement tasks efficiently.



High quality, cost effective and flexible

The DPX M80 microscope system is designed as a modular system to make it flexible and easily customizable to fit most applications and budgets.



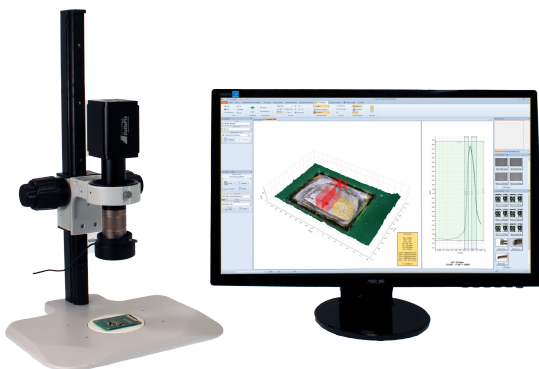
User-friendly Camera

Plug and play – the HDMI interface provides high speed and ease of installation on any 4K/FHD monitor with HDMI input. No need for computer, DPX M80 system has a built-in software. PC software option is also available.



Typical applications: ✓ Documentation and publishing ✓ Material science ✓ Quality control ✓ Bright Field ✓ Semiconductor inspection

Options



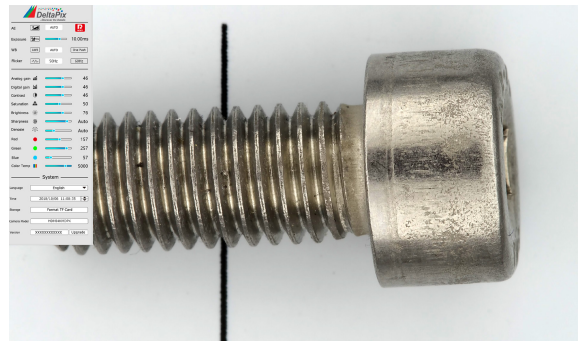
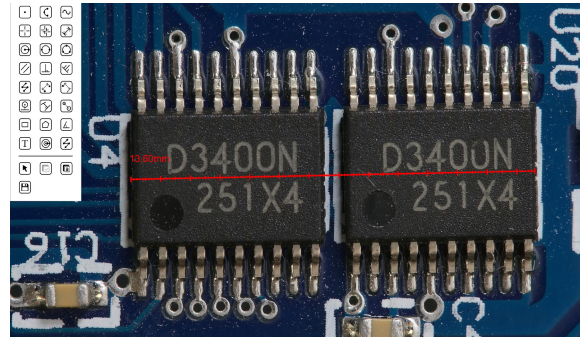
Why choose DPX M80

DeltaPix Build-in Software

The DPX M80 system made with high quality 8X zoom lens that provides a powerful platform for precise measurements, image capturing, video recording and high speed live image for smooth inspection and measurement.

Onboard measurement tools:

- Coordinate point
- Distance between two points
- Three Point Arc
- Multiple perpendicular lines
- Crosshairs
- Distance between line and spots
- Multipoint curve
- Rectangle
- Dual crosshairs
- Distance between line and circle
- Drawing a circle by its center
- Polygon
- Dimlinear
- Distance between two lines
- Drawing a circle by two points
- Angle
- Multipoint broken line
- Distance between two circles
- Drawing a circle by three points
- Annotation
- Parallel
- Concentric circle
- Perpendicular line



Options



Basic Ring Light



Manual XY stage



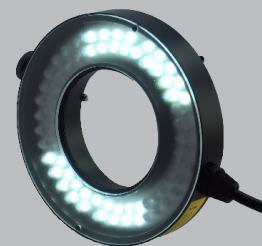
Dome LED light



Spot Light



Back light



Ring light 8Zone

DPX M80

		Camera					
Lens	Spec	HDMI02MDPX		HDMI16MADPX		Invenio 10EIII	
		Resolution	2 MP	Resolution	8.3MP	Resolution	10 MP
		Frame rate	60FPS	Frame rate	30FPS	Frame rate	35FPS
		Autofocus	NO	Autofocus	Yes	Autofocus	NO
		Storage	SD Card	Storage	SD Card	Storage	HD/PC
		Interface	HDMI	Interface	HDMI	Interface	USB 3.0
		Lens adapter					
		0.5X		0.5X		1.0X	
		Low	High	Low	High	Low	High
0.5X	MAG	19x-155x		19x-155x		19x-155x	
	FOV	31.74mm	3.93mm	31.74mm	3.93mm	31.74mm	3.93mm
	NA	0.009	0.046	0.009	0.046	0.009	0.046
	WD	160mm					
0.75X	MAG	29x-234x		29x-234x		29x-234x	
	FOV	20.99mm	2.61mm	20.99mm	2.61mm	20.99mm	2.61mm
	NA	0.013	0.069	0.013	0.069	0.013	0.069
	WD	105mm					
1.0X	MAG	38x-311x		38x-311x		38x-311x	
	FOV	15.8mm	1.96mm	15.8mm	1.96mm	18.8mm	1.96mm
	NA	0.018	0.092	0.018	0.092	0.018	0.092
	WD	80mm					
1.5X	MAG	58x-465x		58x-465x		58x-465x	
	FOV	10.46mm	1.31mm	10.46mm	1.31mm	10.46mm	1.31mm
	NA	0.026	0.138	0.026	0.138	0.026	0.138
	WD	51.5mm					
2.0X	MAG	77x-616x		77x-616x		77x-616x	
	FOV	7.90mm	0.99mm	7.90mm	0.99mm	7.90mm	0.99mm
	NA	0.035	0.182	0.035	0.182	0.035	0.182
	WD	37.5mm					

WD: Working Distance
MAG: Magnification, Maximum magnification is calculated based on a 24" monitor.
FOV: Field of view
NA Numerical Aperature

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