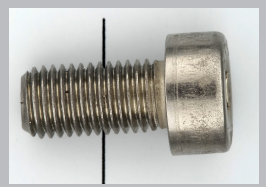
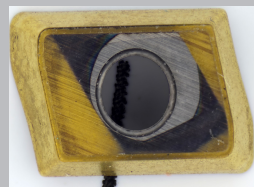
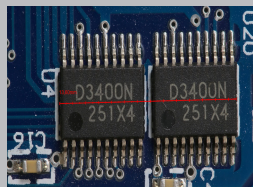
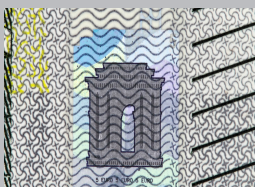
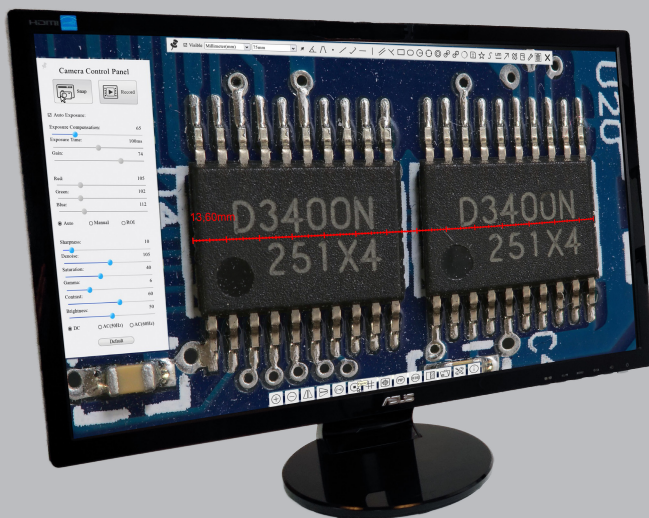




DPX IMF INSPECTION

- ▶ Ultra sharp images
- ▶ On screen measurement
- ▶ 4K Video record
- ▶ High-speed live video
- ▶ WiFi



DPX IMF

Uncompromising Image Quality

The DPX IMF is a premium Ultra High Definition 8.3-megapixel optical inspection system. Produces ultra-sharp live pictures of your inspection objects up to 40x on 28" monitor at the same time providing a large field of view. Additionally, the DPX IMF is a flexible system that can be configured with many different lenses, illumination and stands to match the application.

Made for Ergonomic Use

DPX IMF provides relief to eyes, neck, and shoulders. The unique ergonomic design with a flexible working distance between 100mm-400mm allows operators to sit comfortably in a good working posture and carry out their optical inspection tasks efficiently.



High quality, cost effective and flexible

The DPX IMF microscope system is designed as a modular system to make it flexible and easily customizable to fit any inspection need.



User-friendly Camera

Plug and play – the HDMI interface provides high speed and ease of installation on any 4K monitor with HDMI input.

No need for a computer, because the DPX IMF has built-in software. PC software and Android app options are also available.



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

Lens Options

Lens Options	Field of view range with 500mm stand	Minimum working distance	Magnification range with 28" monitor and 500mm stand
16mm	56mm-225mm	100mm	12.7x-3.16x
25mm	36mm-144mm	100mm	19.7x-4.9x
35mm	26mm-103mm	100mm	27x-6.9x
50mm	18mm-72mm	100mm	39.5x-9.8x
75mm	30mm-48mm	250mm	23.7x-14.8x

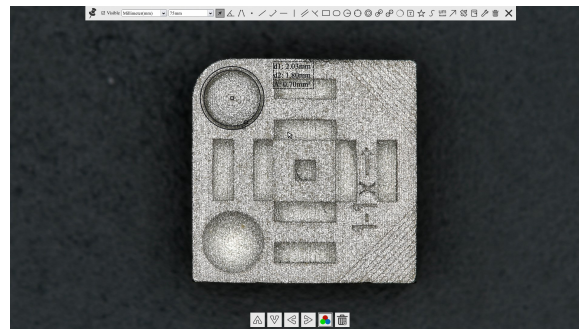
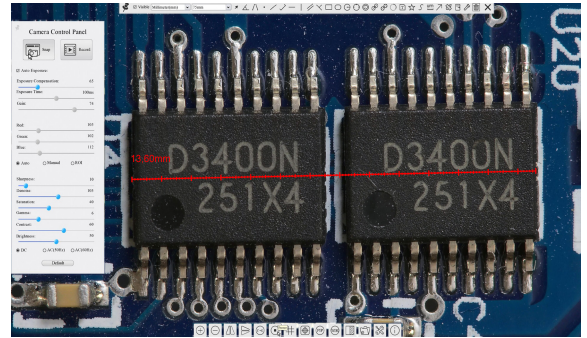
Why choose DPX IMF

DeltaPix Build-in Software

The DPX IMF system has a built-in software that provides a powerful platform for precise measurements, image capturing, video recording and high speed live image for smooth inspection.

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



11.6" Screen for mounting on the track



Basic Ring Light



Manual XY stage



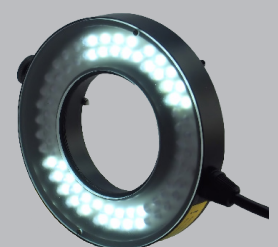
Dome LED light



Spot Light



Back light



Ring light 8Zone

Features

DPX IMF	
Live preview resolution	3840 x 2160 @60FPS
Still image resolution	8.3Mpixels (3840x2160)
Record video	4K Video
Software	Built-in, InSight or Android APP
Sensor size	1/1.8" Sony Exmor 8.81mm Diagonal
Pixel size	2 μm x 2 μm
Sensitivity	505mv with 1/30s
Exposure mode	Automatic or Manual
Color balance	Automatic or Manual
Interface	HDMI/USB 3.0/WiFi and Ethernet
Data format	Still image, JPEG and Tiff Video record.AVI
Minimum requirements	4K/Full HD monitor with HDMI input
Language	English, German, French and Italian
Accessories	Mouse, 32GB High speed SD card and 12V power supply.

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