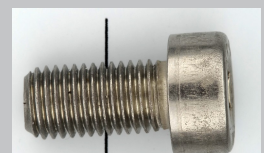
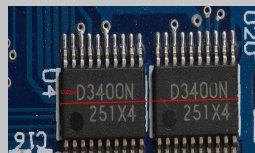
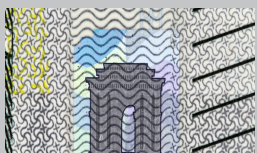
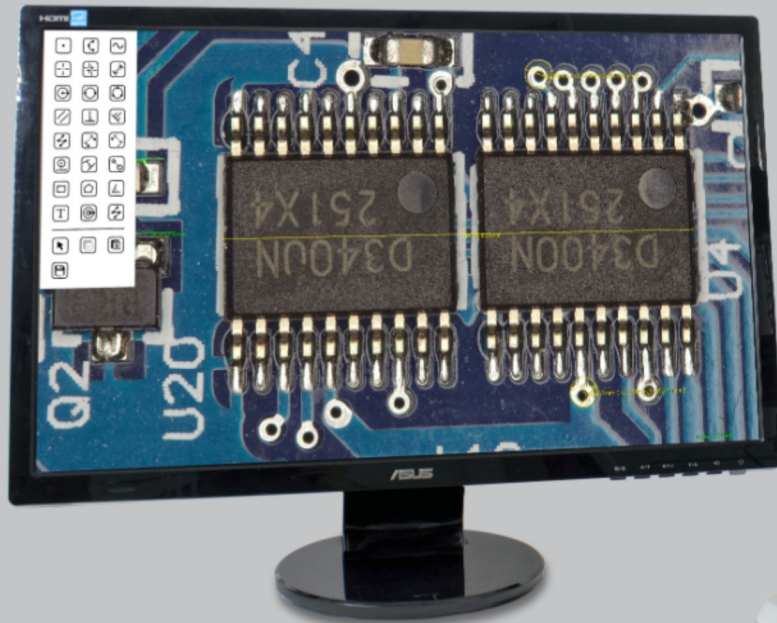




# MODUS 4K INSPECTION

- ▶ Ultra sharp images
- ▶ On screen measurement
- ▶ 4K Video record
- ▶ High-speed live video
- ▶ Large field of view



# Modus 4K Inspection

## Uncompromising Image Quality

The Modus 4K inspection 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 Modus 4K inspection is a flexible system that can be configured with many different lenses, illumination and stands to match the application.

## Made for Ergonomic Use

Modus 4K Inspection 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 Modus Inspection 4K 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 Modus 4K Inspection has built-in software. PC software option is 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

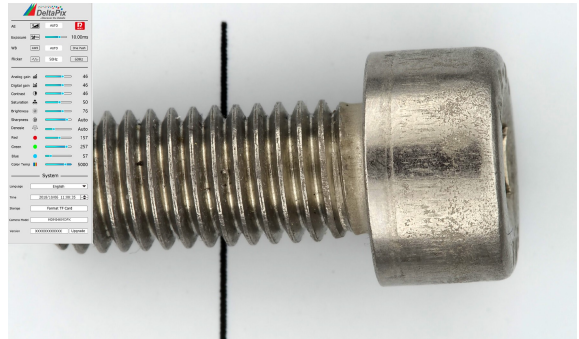
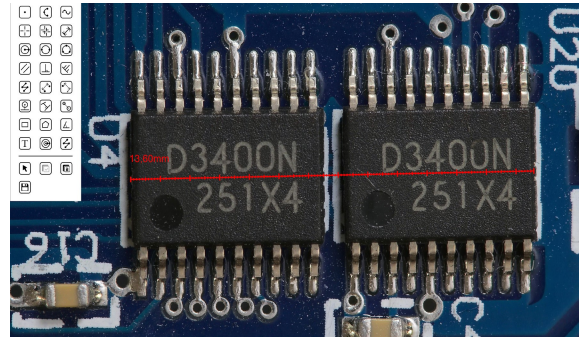
# Why choose Modus 4K Inspection

## DeltaPix Build-in Software

The Modus 4K inspection 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



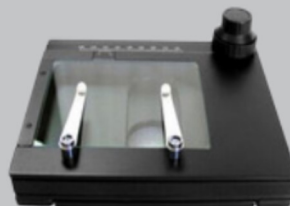
## Options



11.6" Screen for mounting on the track



Basic Ring Light



Manual XY stage



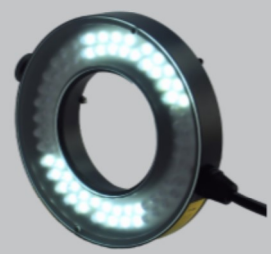
Dome LED light



Spot Light



Back light



Ring light 8Zone

# Features

## Modus 4K Inspection

Live preview resolution	3840 x 2160 @30FPS 1920 x 1080 @60FPS
Still image resolution	8.3Mpixels (3840x2160)
Record video	4K Video
Software	Built-in, UI in English, French and German
Sensor size	1/1.7" Sony Exmor 9.33mm Diagonal
Pixel size	1.85µm x 1.85µm
Sensitivity	280mv with 1/30s
Exposure mode	Automatic or Manual
Color balance	Automatic or Manual
Interface	HDMI/USB 3.0
Data format	Still image, JPEG Video record.AVI
Minimum requirements	4K/Full HD monitor with HDMI input
Accessories	Wireless mouse, 32GB High speed TF card and 12V power supply.

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Telephone:+45 46760205  
E-mail: [deltapix@deltapix.dk](mailto:deltapix@deltapix.dk)