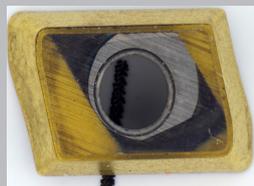
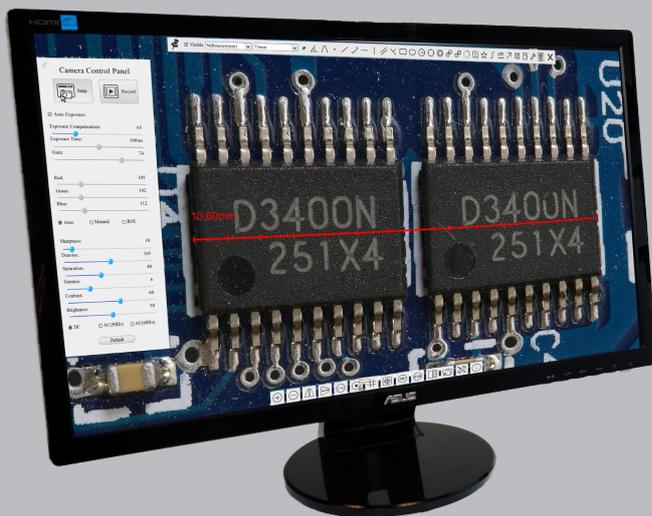




DPX MTK/MT-XX

MEASUREMENT MICROSCOPE

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



DPX MTK/MT-XX

Uncompromising Image Quality

The DPX MTK/MT is a premium Ultra High Definition 8.3-megapixel optical measurement system. Produces ultra-sharp live pictures of your measurement objects up to 80x on 28" monitor at the same time providing a super high precision measurement. Additionally, the DPX MTK/MT is a flexible system that can be configured with many different lenses, illumination and stands to match the application.

Made for Ergonomic Use

Modus DPX MTK/MT provides relief to eyes, neck and shoulders. The unique ergonomic design with flexible working distance between 100mm-150mm 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 MTK/TM microscope system is designed as a modular system to make it flexible and easily customizable to fit any measurement 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 computer, because the DPX MTK/TM has a 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	Minimum Field of view	Maximum Field of view	Working Distance	Zoom	Minimum Resolvable details (in μ)
DPX MT0275-055	17.94mm	31.7mm	100mm	0.275X-0.55X	8
DPX MTK172-22	4.4MM	5.2MM	109mm	1.725X-2.2x	8
DPX MTK345-44	2MM	2.6MM	66mm	3.45X-4.4X	6
DPX MTK034-044	20MM	26MM	110mm	0.346X-0.44X	8
DPX MTK115-147	6.1MM	7.8MM	111mm	1.15X-1.47X	8

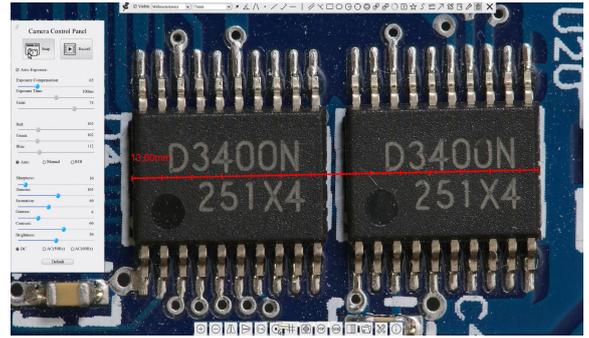
Why choose DPX MTK/MT-XX

DeltaPix Build-in Software

The DPX MTK/MT system made with high quality telecentric 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 MTK/MT-XX

Features

Live preview resolution	3840 x 2160 @60FPS
Still image resolution	8.3Mpixels (3840x2160)
Record video	4K Video
Software	Built-in, UI in English, French and German
Sensor size	1/1.8" Sony Exmor 8.86mm Diagonal
Pixel size	2µm x 2µm
Sensitivity	505mv with 1/30s
Exposure mode	Automatic or Manual
Color balance	Automatic, Manual or ROI
Interface	HDMI/USB 3.0/WIFI/GE
Data format	Still image, JPEG or Tiff Video record.AVI
Minimum requirements	4K/Full HD monitor with HDMI input
Software	Built-in, PC software InSight or Android APP
Accessories	Mouse, 32GB High speed SD card and 12V power supply.

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