

MV.EYE M11

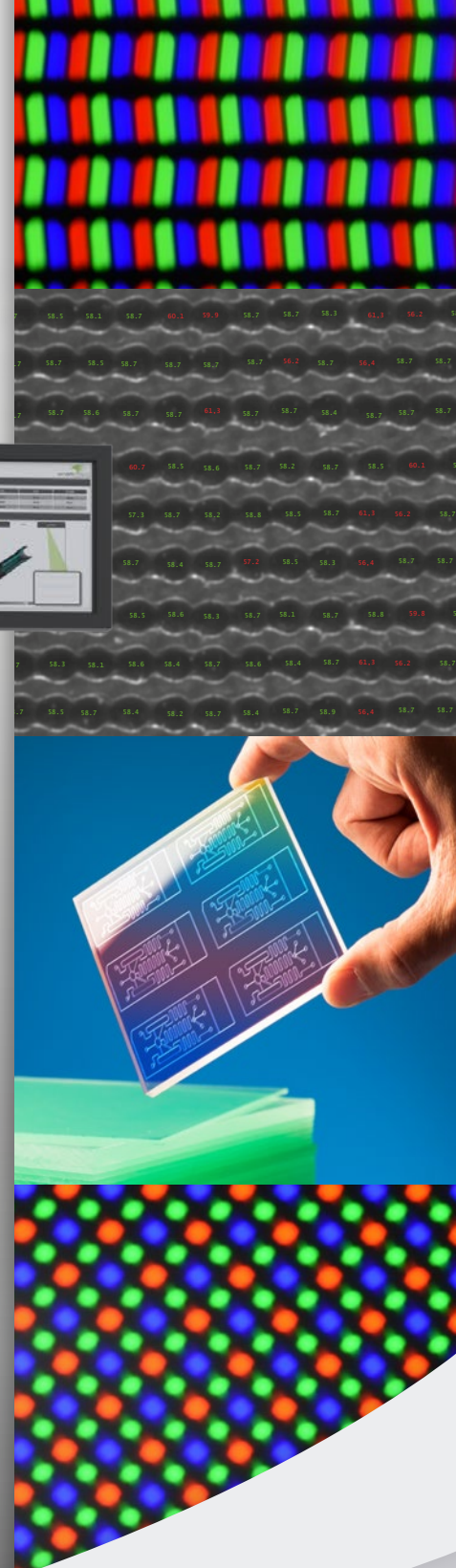
microstructure inspection



0,75 μm resolution

Highspeed: up to 750 mm^2/s

dynamic focus system

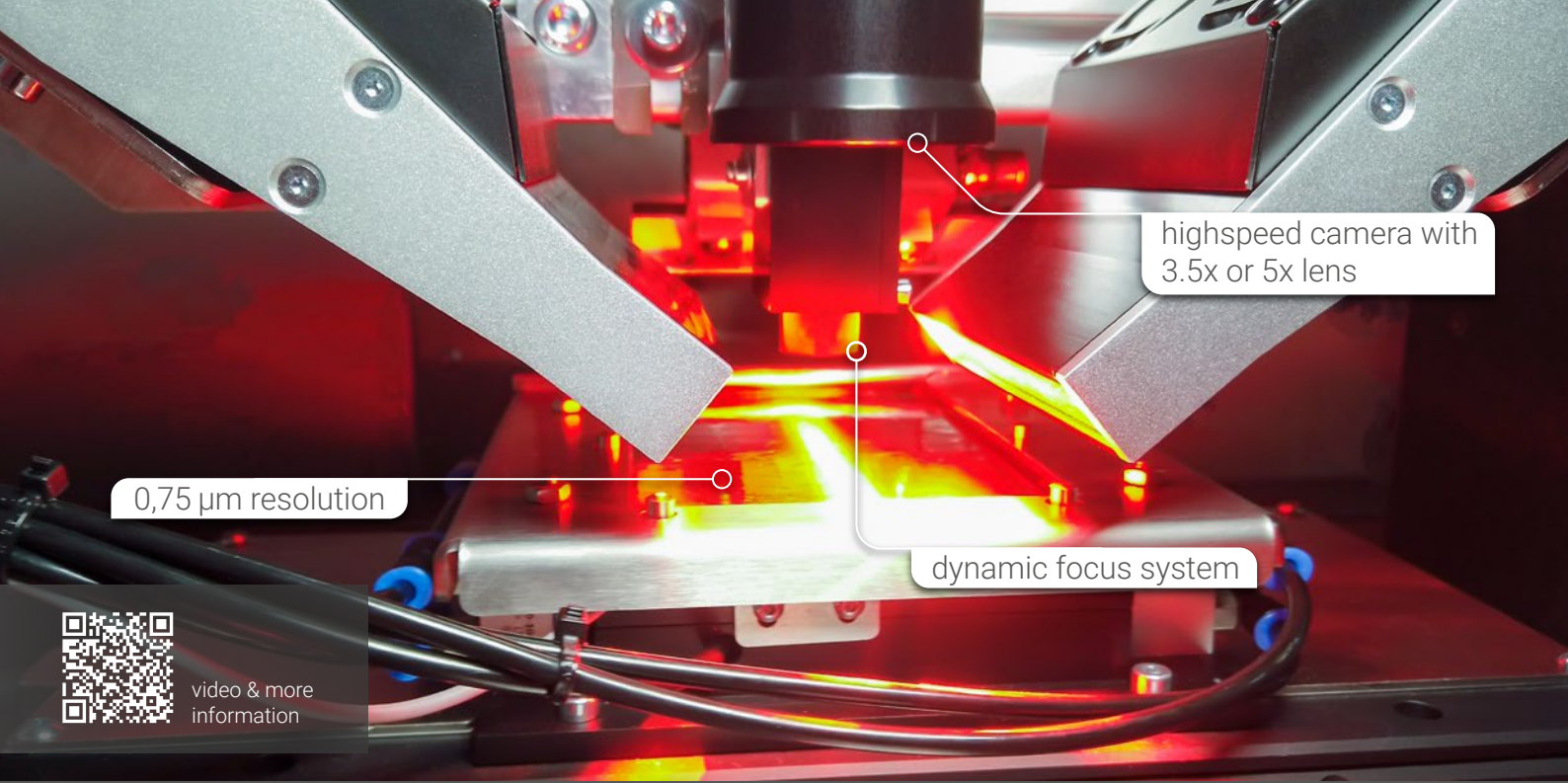


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MABRI.VISION
BEYOND MATTERS

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highspeed camera with 3.5x or 5x lens

0,75 µm resolution

dynamic focus system



video & more information

With the MV.EYE MI1 inspection system, MABRI.VISION offers a inline-capable vision solution for the automated testing of microstructured components. With speeds of up to 40mm/s, the surface structures are displayed in high-contrast thanks to optimized line illumination. Line widths range between 8mm and 25mm.

Basic configuration

- › xy - axis system
- › highspeed TDI- line scan camera
- › basic granite structure
- › housing with safety lifting door
- › scanning MV.IMAGING software

Specifications

Resolution	0.75 µm
Scanning speed	up to 40 mm/s
Line width	8 mm to 25 mm
Field of view	150 mm x 200 mm
Processing time	depending on inspection

Options

- › customer-specific inspection of structure
- › automatic z-focus live regulation
- › enclosure with cleanroom filters
- › software features like databases, interfaces and audit-trails

Power Supply	230 V, 16 A
System dimensions	1.3 m x 1.2 m x 2.53 m
Control cabinet dimensions	0.6 m x 0.8 m x 2.0 m
Weight	900 kg
Cleanroom class	up to class 5



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