



Modus Inspection

Manual Inspection system

Features:

- 2 Mpixel Full HD live 60 FPS HDMI camera
- Manual zoom by changing WD
- Sony Exmor back illuminated 1/2.8' sensor
- Extremely simple and intuitive to configure and use.
- Full measurement and report capability
- Calibration for different microscopes and zoom level.
- High quality LED ring light with zone control included.
- Plug and Play HDMI

Specifications

- Camera sensor size 1/2.8'
- Track SF (manual): 250 or 500 mm
- Standard base 320 x 300mm
(Optional) DPZ base 325 x 316 mm
- Weight: 4,5kg standard version
Weight: 5,5kg DPZ version
- Minimum working distance: 100mm
- Power: 25 Watt
Input : 100 - 240V
50/60 Hz 0.6A

Minimum system requirement

- HDMI Monitor

Typical applications:

- Electronic inspection and quality control
- Watch makers and repair
- Assembly and Documentation
- All kinds of material manufacturing control

Complete high quality inspection system

DeltaPix has developed this very easy to use, high performance inspection system, for replacing traditional inspection microscopes. Ideal for many different types of quality control and other applications, in which good overview combined with crisp video and colour capture is mandatory. Achieve better ergonomic and less eye stress by looking at a high quality full HD monitor with 60 FPS instead of tiny eyepieces.

The system includes full measurement capability, saving of images (including measurement and annotation) and video on 8GByte SD card (included), report generation, full mouse control (wireless mouse as option), zone controlled ring light, 2 Megapixel lens and much more.

Available with different types of base, lenses and light sources. As option the system can be controlled from DeltaPix InSight professional software, to achieve additional functions like Extended focus, automatic counting and segmentation, topography and more.

Lens options	Field of view range with 500mm stand	Minimum working distance	Magnification range with 24' monitor and 500mm stand	Minimum resolvable details (in μ)
8mm	90mm - 332mm	100mm	6.77X - 1.83X	60
16mm	45mm - 166mm	100mm	13.5 - 3.67X	30
25mm	29mm - 106mm	100mm	21X - 5.75X	20

* The image shown is an example of a complete configuration with DPZ base.

