

# Inspex HD 1080p

DIGITAL IMAGING SYSTEM



Sleek sophistication in a versatile ergonomic design provides 1080p HD digital imaging with superb HD image quality, color reproduction, contrast and resolution.

UNITRON's Inspex HD 1080p Imaging System's versatile design makes it compatible with a wide range of mounting options. Real-time on-screen dimensioning is provided by integrated XY grids and cursors making it a must for repair & rework, quality control & failure diagnosis processes in industries such as: automotive, aviation, electronics, engineering, forensics, jewelers, medical devices, packaging & labeling, pharmaceuticals and security.



*Easy to use controls are located conveniently on the front of the camera.*

*For more advanced functions and ease of use, an optional external controller is available.*

*Various stand and mounting options are available*

|                          |   |
|--------------------------|---|
| <b>Camera Resolution</b> | HD 1080p; 1980x1080   |
| <b>Zoom</b>              | 4D Lens; 2.0x—85x (24" screen)  |
| <b>Basic Functions</b>   | Auto/Manual focus, brightness adjustment, magnification adjustment, snapshot, overview, high contrast mode, height adjustable |
| <b>Response Time</b>     | 5ms   |
| <b>Output Modes</b>      | HDMI, DVI   |
| <b>Monitor Format</b>    | 16:9 (recommended); <i>monitor not included</i>   |
| <b>Power Supply</b>      | 100/240v; 50/60Hz; 8w power consumption   |
| <b>Dimensions</b>        | Table: 24cm x 41cm<br>Folded height: 11cm<br>Raised height: 42cm  |
| <b>Weight</b>            | 2.5kg   |

## Key Features

- High definition camera system offering superb full 1080p HD image quality at 60 fps.
- Inspex HD 1080p offers superb color reproduction, contrast and resolution, as well as a dynamic range of magnification levels and integrated LED illumination.
- Integrated, real time, on screen XY measuring grids and cursors provide a simple and effective way to measure without a PC and provides vital information such as magnification level, focus/exposure mode and an in depth settings menu.
- Wide Dynamic Range uses overlapping multiple exposures depending on the saturation level of each pixel.
- Advanced functions include brightness control, cross hair, overview, infrared, memory recall (3), LED intensity, iris, hi contrast, auto/manual focus, auto/manual exposure, and gain.
- Removable USB storage image capture allows for storing images directly to your USB storage device with the built-in USB port making documentation and traceability for accurate quality control records.
- The Inspex HD 1080p system offers a best-in-class 11" (280mm) field of view and a 9.85" (250mm) working distance with the standard 4D lens.
- The ergonomic design enables users to sit or stand in a comfortable and safe posture providing less operator fatigue and improved production efficiency.
- With the optional external controller, the Inspex HD 1080p becomes a dynamic imaging system with the capability of additional functions such as memory/save recall, overlay grid and dimensioning lines, image capture and interactive focusing zoom controls. An additional option is also available for PC based image analysis software.

**ISO 9001**  
Certification  
Design and production adheres to ISO9001 international quality standard.

**ISO 14001**  
Certification  
Design and production meets the requirements of international standard ISO 14001 for environmental management.

