UNITRON®

EXCELLENCE BY DESIGN SINCE 1952

Inspex HD 1080p

DIGITAL IMAGING SYSTEMS



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

Inspex HD 1080p

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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

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

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.

CE RoHS

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.

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