Vision Engineering launches EVO Cam II, high definition digital microscope

Visual inspection pioneer to unveil next generation of digital microscopes

Send, UK, 9th April 2018. Vision Engineering Ltd has unveiled the next generation of its extremely popular EVO Cam digital microscope. Excellent image quality, intuitive operation and a host of new features are available at your fingertips with Vision Engineering’s new EVO Cam II.

Ideally suited for close inspection and recording of high resolution images the next-generation EVO Cam II benefits from the addition of user customisable overlays, on-board measurement and Wi-Fi image transfer. All supported by a 30:1 optical zoom and a maximum magnification of up to 3,600x.

EVO Cam II replaces the original EVO Cam which is already used for inspection of electronics, medical devices, precision engineering, life sciences and much more.

High definition images can be captured and stored directly to a USB memory stick. When connected to a PC, images and video can be easily captured, stored and shared. A Wi-Fi dongle even allows direct sharing with PCs, laptops, tablet computers and smartphones.

Simple on-screen measurement can be performed with the aid of virtual callipers and scalable grids. Live images can also be compared to user customisable overlays, increasing efficiency of use.

A completely new graphical user interface and intuitive controls with 10 presets, allow for rapid swapping out of subjects under inspection, making EVO Cam II ideal for multiple users in high speed production environments. A remote control option is available to maximise the ergonomic operation of the microscope when used over prolonged periods.

EVO Cam II features a powerful LED ring light and sub-stage lighting for viewing translucent samples. A UV ring light accessory is also available for electronic and other specific applications. High contrast subjects, such as reflective metals used in electronics and automotive manufacturing can be viewed in more detail using EVO Cam II’s Wide Dynamic Range (WDR) mode.
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For additional clarity, EVO Cam II is launched along with a new range of objective lenses to deliver pin sharp images, high in detail and contrast. Vision Engineering’s unique 360° rotating viewer is ideal for hard to handle subjects, delivering direct and 34° angled views, which can be rotated 360° around the point of interest, allowing inspection of the sides and base of samples.

Mark Curtis, Managing Director, Vision Engineering said:

“We are excited to complement our Mantis and Lynx EVO eyepiece-less stereo microscope range with the EVO Cam II. This new digital microscope offers exceptional image quality for inspection, research and manipulation, and can be utilised for thousands of inspection tasks.”

Highlights

- Exceptional image quality with high-quality optics
- Versatile 30x optical zoom
- Optical magnification range 1.7x - 300x
- Maximum magnification including digital zoom 3600x
- User customisable overlay
- Easy calibration for efficient dimensioning with virtual calliper and scalable grids
- High definition images can be directly saved to PCs, or stored to USB devices
- Wi-Fi image transfer option
- Save, import and export settings for continuity across systems
- Ideal for a wide range of applications including inspection of electronics, precision engineering, medical devices and life sciences
- Wide range of stands to suit operating environments

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EVO Cam II digital microscope