

EVO CAM II digital microscope ECO2501 with Ergo stand

Vision Engineering's EVO Cam II is a powerful, versatile yet easy-to-use high-resolution digital microscope. It offers excellent image quality, a range of configuration options and optical magnification of up to 760x. The digital zoom even enables far deeper insights. Various precision objectives and wide field objectives are available to meet your individual requirements. It combines everything you expect from a modern digital microscope. The EVO Cam II digital microscope offers excellent image quality to reveal even hidden details. The optical zoom range (30:1) allows you to magnify optically up to 760x, using digital zoom even impressive 9,000x can be reached! An intelligent autofocus, which can also be switched off if necessary, delivers razor-sharp images in Full HD quality at all times. Thanks to the focus stacking function, the limits of what is possible can be pushed and you can shoot even high components completely in depth sharpness.

EVO Cam II has a powerful on-screen measurement function with selectable overlays, grids and measurement lines that allow you to measure X and Y values. At the touch of a button, the overview function guarantees quick and convenient orientation on the part. Images can also be compared in real time or user-defined overlays can be superimposed to aid inspection. The unique lens calibration, which is stored in the presets, enables fast measurements over the entire zoom range. Capture high-resolution images at the touch of a button, either directly to a USB memory stick, PC, or wirelessly (Wi-Fi option). EVO Cam II works with multiple software programs for professional image capture, image measurement and archiving to ensure holistic documentation.

Camera: 30x optical and 12x digital zoom, Full HD 1080p (1920 x 1080, 1/2.8" CMOS), frame rate of 50 fps or 60 fps (switchable), autofocus and manual focus, HDMI and USB 3.0 output, file storage format PNG

Lighting: Integrated 8-point LED ring light for optimal, shadow-free illumination in all applications. Color temperature 5500K. Optional: White and UV quadrant ring light for inspection of UV fluorescent objects; Transmitted light illumination: Two flexible USB LED light bars for improved control in reflections and shadows, or episcopic illumination through the lens to simplify inspection of holes, pipes, slots, and bores.

Stand: The ergo stand has a compact size, perfectly suited for high magnifications. Transmitted light illumination (optional) allows viewing of a wider range of specimens. Sliding stage can be adapted. Bracket for small monitor can be mounted.

Basic equipment includes EVO-Cam II digital microscope, LED incident light, USB stick and ergo stand (objective, monitor and other accessories are not included)

- Pin-sharp image quality with intelligent autofocus

- Optical magnification range 1.7x -300x
- Maximum magnification with digital zoom 3600x
- Fast 60 fps delivers clear images without motion blur
- Complete 360° inspection without moving objects and samples
- Large field of view and large working distances
- Avoidance of set-up times due to up to 10 - presets
- Customer-specific overlays can be displayed
- Wi-Fi and USB 3.0 for faster image transfer
- Efficient screen measurement function with virtual - measurement lines and scalable grids

[<https://www.youtube.com/watch?v=tNUTuTwot28&t=1s>] More information about Vision EVO]

[https://www.youtube.com/watch?v=CKQyWNH__Ac] Learn more about using the Vision EVO here]

[<https://www.youtube.com/watch?v=AyXK2rSwgxl>] Product showcase]

item number	WL44733
model	ECO2501
manufacturer	VISION
manufacturer item number	ECO2501
GPSR manufacturer information	VISION Engineering Ltd., Anton-Pendele-Straße 3 DE-82275 Emmering www.visioneng.de
order unit	1 piece
content unit	1 piece
Product type	digital microscope
Display refresh rate	60 Hz
Version tripod	Ergo stand
magnification	1,7x-300x
power supply	9V DC, externes Steckernetzteil
interfaces	USB 3.0
ESD safe	no