

## EVO CAM II digital microscope ECO2504 with multi-axis column stand and focus module

---



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 multi-axis column stand is precise and robust. Ideal for industrial applications where maximum working distance is required. Easy and quick height adjustment for tall or flat objects. For direct mounting on work surface or on separately available base plate. (Optional transmitted light available). Bracket for small monitor can be mounted.

Basic equipment includes EVO-Cam II digital microscope, LED incident light, USB stick, optics for 360° all-round viewing from 34°, Multi-axis column stand and focus module with weight compensation - suitable for Multi-axis column stand EVB021 (objective, monitor and other accessories are not included).

- EVOCAM Full HD zoom camera (30:1) for all attachment optics
- USB stick
- HDMI output and PSU
- LynxEVO/ECOCam multi-axis stand without base plate
- EVOCAM focus module for multi-axis stand with weight compensation
- EVOCAM LED 360° rotating optics for direct and 34° oblique viewing angle

Item no.	<b>WL51777</b>
Manufacturer	VISION
Manufacturer article no.	ECO2504
GPSR manufacturer data	VISION Engineering Ltd., Anton-Pendele-Straße 3 DE-82275 Emmering www.visioneng.de
Sales unit	1 piece

Content unit	1 piece
Incl. battery	no
ESD compliant	no

