

Vision ECO511. EVO CAM II digital microscope ECO2511 with Standard focus module

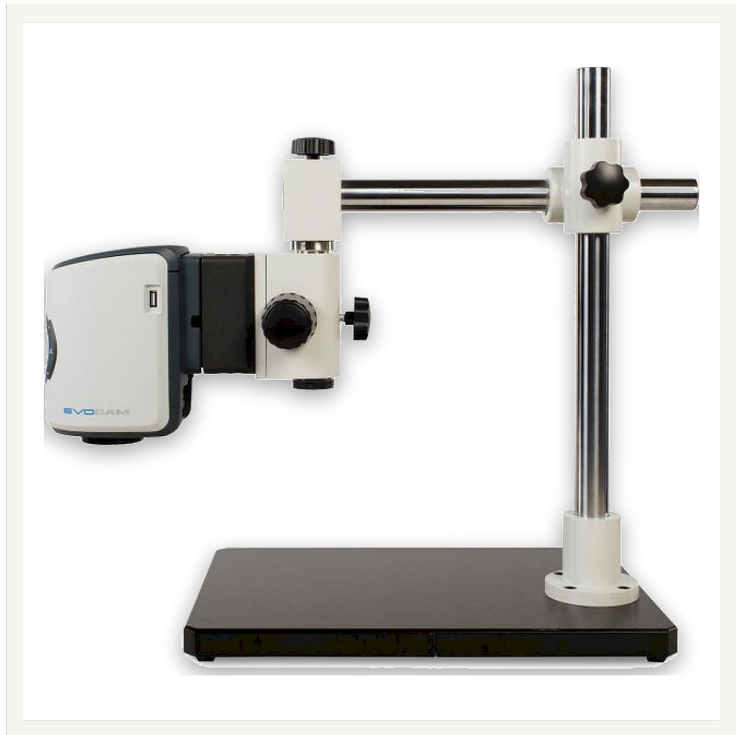
Item no. WL40082

Manufacturer Vision

EVO CAM II digital microscope ECO2511 with stand and focus module

TECHNICAL DATA

Weight **0.1 kg**



DESCRIPTION

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: High stability due to a solid base plate. Suitable for large objects and working distances.

Basic equipment includes EVO-Cam II digital microscope, LED incident light, USB stick and column stand with focus including adapter plate EVB090 (objective, monitor and other accessories are not included).

- Fast live images in exceptionally high quality (1080p/60fps)
- Wide 30:1 optical zoom range with many magnification options (up to 300x)
- Image storage either on external medium (USB stick) or optional software solution (Vifox)
- Multiple users simultaneously view samples and objects
- Parfocal and parfocal zoom allow a comfortable magnification range with constant image sharpness
- Auto and manual focus with intelligent control of other camera settings (white balance, exposure, brightness) for consistently ultra-sharp images with high contrast
- Modes: Wide Dynamic Range (WDR) and Visual Enhancement (VE) - Ideal for objects with high contrast
- Operation as 'stand-alone' system (without PC) - Storage of meaningful Full-HD images at the touch of a button directly via USB stick
- With the "Overview" function, the object or sample can be quickly and easily viewed in full view - with magnification fade-in and optional crosshair display on screen
- Eyepiece adjustment is not necessary
- Live image on the monitor is immediately visible for different users (monitor not included)

VIDEO

PRODUCT DETAILS

item number	WL40082
model	ECO2511
manufacturer	VISION
manufacturer item number	ECO511
scope of supply	EVOCAM Full HD Zoom camera (30:1) for all attachment lenses USB stick, HDMI output and PSU SX45/EVOCAM column stand S-006 with adapter for EVOCAM
order unit	piece
Display refresh rate	60 Hz
Version tripod	Column stand

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Product type	digital microscope
camera zoom	30x
camera resolution	1080p/60fps
magnification	300x
power supply	9V DC, externes Steckernetzteil
interfaces	HDMI, PSU
ESD safe	no