

Product Type:

Compact Digital Microscope (VE Cam 50 / VE Cam 80)

Manufacturer: Vision Engineering

Overview

VE Cam is a compact, budget-friendly digital microscope designed for fast, high-quality inspection directly at the point of need. With integrated features like built-in ring lighting, touchscreen compatibility, and Wi-Fi sharing, it brings the power and convenience of digital imaging to space-conscious workstations, especially on the shop floor or in-line production environments.

Key Features

- **Models:** VE Cam 50 and VE Cam 80
 - **Compact footprint:** Just **25 cm × 34 cm**
 - **Built-in ring light:** 8-point adjustable LED for even illumination
 - **Magnification & Field of View:** Wide field of view with fine image control
 - **Touchscreen compatible** and **standalone operation** (no PC required)
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Functionality & Workflow Benefits

Space-Saving & Portable

- Compact design saves bench space
- Optional built-in screen (up to 12") with tilt/swivel for ergonomic use
- **PC-free operation** ideal for tight workspaces

Efficient Visual Inspection

- High-quality optics and camera ensure sharp, clear imaging
- Fine image tuning via iris control (contrast, brightness, depth of focus)

Customizable for Productivity

- 10 programmable user presets for fast task switching
- 6 hotkeys for instant access to commonly used settings
- Two-magnification view for simultaneous inspection at different zoom levels

Flexible Control Options

- Operate via touchscreen, mouse, keyboard, footswitch, or keypad

Adaptable Integration

- Use standalone or connect to larger monitors or a PC
 - Compatible with software for annotation, measurement, and remote control
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Lighting & Illumination

- Built-in 8-point LED ring light for uniform brightness
 - Additional substage, oblique, and specialty lighting options available
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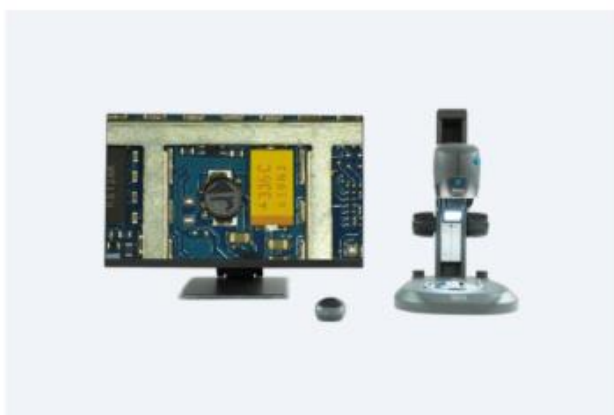
Applications

Ideal for:

- Electronics & PCB inspection
 - Industrial quality control
 - Goods-in/final inspection
 - Defect detection in turned parts
 - Shop floor or in-line inspection
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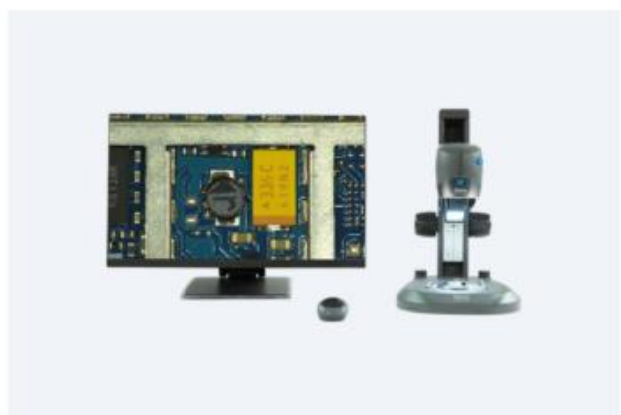
Summary

The VE Cam series offers a compact, affordable, and powerful digital inspection solution designed for space-limited and high-throughput environments. With fast setup, intuitive controls, and flexible viewing options, it boosts productivity across inspection, manufacturing, and quality control tasks—all without the need for a PC.



VE Cam 50

When greater magnification is required up to 50x. Good for at line, in workshop, in cleanroom visual inspection.



VE Cam 80

Offering a larger field of view (80 mm). Good for big view of subject, finger press operation.