

Video & Digital Microscopes

VL Digital Microscope

Professional Optical Digital Microscope

- Optical-digital dual capability: clear field of view, USB output for multiple systems
- Precise operation: focusing accuracy of 2 μ m, adjustable lamp for easy operation



One Platform Many Possibilities

Contact Us sales@venuslabtech.com

Get a Quote



Get Expert Advice
+65 8099 5547



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Overview

An integrated optical and digital observation tool

The VL digital microscope is a professional device that combines high-definition optical imaging with digital output functions. With high-quality optical components and USB digital capabilities, it achieves clear observation, dynamic recording, and precise operation. It is widely used in sample observation and data retention in fields such as biology, medicine, and teaching.

Features of VL Digital Microscope

- Wide-field eyepiece + achromatic objective lens, providing clear imaging and a wide field of view
- Built-in 1.3-megapixel CMOS, supporting USB2.0 multi-system adaptation
- Coaxial coarse and fine focusing, with an accuracy of 2μm
- 6V 20W halogen lamp, with adjustable brightness to adapt to various samples
- Dual-layer mechanical moving stage, offering flexible and stable operation

Service & Support

We are dedicated to delivering exceptional optoelectronic solutions to every client. From precision manufacturing and secure delivery to full-lifecycle technical support, we are here to ensure a seamless and reliable experience at every step.

1. Warranty Policy

Quality First, Worry-Free Operation

Warranty Period: We offer a **two-year** warranty service for all of our core optoelectronic products, effective from the date of shipment.

Coverage: We provide free repair or replacement services for malfunctions caused by material defects or workmanship errors under normal operating conditions.

Rapid Response: Upon receiving a warranty claim, we guarantee to initiate the assessment process within **24 hours** to minimize your equipment downtime.

2. Technical Support

Expert Team, Full-Process Guidance

Technical Consultation: Our team of senior optical engineers provides **24/7 online support** to assist with installation, commissioning, optical path alignment, and parameter optimization.

Scheduled Maintenance: We offer full-lifecycle maintenance recommendations, including firmware upgrades, optical component cleaning guidelines, and precision calibration services.

Training Services: We provide customized remote or on-site operational and safety training to ensure your team can operate the equipment efficiently and safely.

3. Logistics & Delivery

Precision Packaging, Global Reach

Professional Packaging: Given the fragile nature of optical instruments, we utilize industrial-grade shockproof, anti-static, and moisture-proof vacuum packaging to ensure zero damage during transit.

Logistics Partners: We partner with top-tier global logistics providers (**DHL / FedEx / UPS / SF Express**) to offer reliable shipping with real-time tracking.

Shipping Insurance: All shipments are fully insured to eliminate logistics risks.


4. Compliance & Certification

Strict Standards, Total Compliance

Quality Certification: Our manufacturing process is **ISO 9001 certified**, and our products comply with international standards such as **CE and RoHS**. **Export Compliance:** "Committed to environmental responsibility, all our products comply with **RoHS 2.0 and REACH standards**, ensuring safety and global compliance."

Explore Series

Model	Focusing Precision	Illumination System	Imaging Device	Data Output
VL-DM-1180	2μm (coaxial focusing)	6V 20W halogen lamp (adjustable brightness)	1.3MP CMOS	USB2.0, multi-system compatible

 Get in touch with our team to explore configurations, request a quote, or learn more about customized solutions tailored to your needs.

Let us help you move science forward—faster and smarter.

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