

Veho VMS-006-DX1

Veho Discovery DX-1 USB Digital Microscope (VMS-006-DX1) User Manual

Model: VMS-006-DX1

INTRODUCTION

The Veho Discovery DX-1 is a USB digital microscope designed for detailed observation, photo capture, and video recording. Featuring a 2-megapixel HD CMOS lens and 100x to 200x digital magnification, it is compatible with both Windows and Apple Mac operating systems through the MicroCapture software. This manual provides essential information for setting up, operating, and maintaining your DX-1 microscope.

WHAT'S IN THE BOX

Please verify that all components are present before proceeding with setup:

- Veho DX-1 Microscope
- User Guide
- Software CD
- Calibration ruler
- Cradle stand
- Cleaning cloth



Image: All components included in the Veho DX-1 package, including the microscope, stand, software CD, user guide, calibration ruler, and cleaning cloth.

SETUP

1. **Assemble the Cradle Stand:** Carefully attach the microscope to the adjustable cradle stand. Ensure all connections are secure.
2. **Software Installation:**
 - Insert the provided Software CD into your computer's CD/DVD drive.
 - Follow the on-screen instructions to install the MicroCapture software.
 - Alternatively, download the latest software version from the official Veho support website if a CD drive is not available or for updated compatibility.
3. **Connect the Microscope:** Plug the USB cable from the Veho DX-1 microscope into an available USB port on your computer (PC or Mac). The device should be recognized automatically after software installation.
4. **Positioning:** Place the microscope on a stable surface. Use the adjustable stand to position the microscope over the object you wish to observe.



Image: The Veho DX-1 microscope in use, connected via USB to a laptop, observing a small circuit board on a wooden surface.

OPERATING INSTRUCTIONS

1. **Launch MicroCapture Software:** Open the MicroCapture application on your computer. The microscope's live feed should appear on the screen.
2. **Adjust Focus and Magnification:**
 - Rotate the focus wheel on the microscope body to achieve a clear image.
 - The DX-1 offers 100x to 200x digital magnification. Adjust the distance between the microscope lens and the object, and fine-tune with the focus wheel for desired magnification.



Image: A detailed view of the silver magnification and focus adjustment dial located on the body of the Veho DX-1 microscope.

3. **Adjust LED Illumination:** The microscope features 8 built-in LED lights. Use the light adjustment control (typically a small wheel or button on the microscope body or within the software) to brighten or dim the illumination for optimal viewing.
4. **Capture Photos and Videos:**
 - Within the MicroCapture software, locate the photo capture button (often represented by a camera icon) to take still images.
 - Locate the video recording button (often represented by a video camera icon) to start and stop video capture.
 - Captured files are typically saved to a designated folder on your computer, configurable within the software settings.



Image: The front end of the Veho DX-1 microscope, showing the clear lens cover and the ring of 8 bright LED lights surrounding the camera sensor.

5. **Calibration:** Use the included calibration ruler with the MicroCapture software's calibration function to accurately measure objects viewed through the microscope. Refer to the software's help section for detailed calibration steps.

MAINTENANCE

- **Cleaning the Lens:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens to remove dust or smudges. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Body:** Wipe the microscope body and stand with a soft, dry cloth. If necessary, a slightly damp cloth can be used, but ensure no moisture enters the device.
- **Storage:** When not in use, store the microscope in a clean, dry place, away from direct sunlight and extreme temperatures. Keep it protected from dust.
- **Cable Care:** Avoid bending or kinking the USB cable excessively to prevent internal damage.

TROUBLESHOOTING

- **Microscope Not Detected:**
 - Ensure the USB cable is securely connected to both the microscope and the computer.
 - Try a different USB port on your computer.
 - Restart the MicroCapture software or your computer.
 - Verify that the necessary drivers were installed correctly during software setup. Reinstall the software if needed.
- **Unclear or Blurry Image:**
 - Adjust the focus wheel on the microscope body.
 - Ensure the object is within the microscope's working distance.
 - Clean the microscope lens with the provided cleaning cloth.
 - Adjust the LED illumination for better contrast.
- **Software Issues:**
 - If the MicroCapture software is unresponsive or crashes, close and restart the application.
 - Check for software updates on the Veho support website.
 - Consult the software's built-in help documentation for specific feature usage and advanced troubleshooting.
- **Stand Stability:** Ensure the microscope is properly secured in the cradle stand and the stand is placed on a flat, stable surface to prevent wobbling during observation.

SPECIFICATIONS

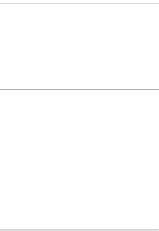
Feature	Detail
Model Number	VMS-006-DX1
Lens	2 Mega Pixels HD CMOS
Resolution	1920x1080
Magnification	100x - 200x Digital
Light Source	8 LED lights
DSP	High speed DSP
Compatibility	Windows, Apple Mac
Product Dimensions	4.33 x 2.76 x 0.49 inches
Item Weight	11.3 ounces
Power	5 Volts (USB powered)

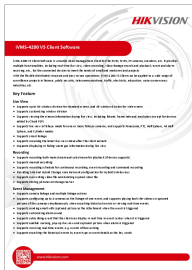
WARRANTY AND SUPPORT

The Veho Discovery DX-1 USB Digital Microscope is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Veho website for detailed warranty terms and conditions.

For technical support, software updates, or further assistance, please visit the Veho support portal or contact their customer service department. Contact details are typically available on the official Veho website.

Related Documents - VMS-006-DX1

	FOSCAM VMS User Manual for Mac: Installation, Features, and Settings Comprehensive user manual for FOSCAM Video Management System (VMS) software on Mac. Covers installation, key features, GUI navigation, advanced settings, network configuration, video management, detection, PTZ controls, recording, and system management.
	FOSCAM Video Management System User Manual for Windows Comprehensive guide to installing and using the FOSCAM Video Management System (VMS) software for Windows, covering setup, features, and advanced settings.
	Eaton PowerXL DX1 Series VFD Installation Manual Comprehensive installation manual for the Eaton PowerXL DX1 Series Variable Frequency Drive (VFD), covering safety, setup, wiring, EMC, and technical specifications for industrial applications.
	FLIR United VMS 9.0.1 Control Center Help File A comprehensive guide to the FLIR United VMS 9.0.1 Control Center, detailing its features, interface, operational modes, and advanced functionalities for video management and security operations.
	VideoXpert Professional v 3.19 Release Notes and Software Updates Official release notes for Pelco VideoXpert Professional (VxPro) software, detailing new features, improvements, fixes, and installation/update information for versions 3.19, 3.18, and 3.17.1.



Hikvision iVMS-4200 VS Client Software: Features and Specifications

Explore the comprehensive features, system requirements, and applications of Hikvision's iVMS-4200 VS Client Software, a versatile video management solution for surveillance projects.

Documents - Veho – VMS-006-DX1



[\[pdf\]](#) User Manual Guide

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Manual do usuário Veho O microscópio DX 1 permite explorar o mundo microscópico Altamente útil para
estudantes professores pesquisas de laboratório análises médicas VMS 006 DX1 manual PORTUGUÊS
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Manual do usuário **VMS-006-DX1** Introduo O microscpio Veho DX-1 permite explorar o
mundo microscopico. Altamente til para estudantes, professores, pesquisas de
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momento para ler este manual para garantir que voc obtenha o ...
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[\[pdf\]](#) Datasheet Declaration of Conformity Safety Datasheet Test Report

EC DoC VMS 006 DX1 veho world 2019 12

EC Declaration of Conformity Veho UK Ltd Long Barn, Unit 2 Wangfield Lane, Curdridge, Southampton, Hampshire SO32 2DA Declare under our sole responsibility that the product: Model: Model No : Veho DX-1 USB 2MP Microscope **VMS-006-DX1** and all variations specified in the annex are in conformity wit...

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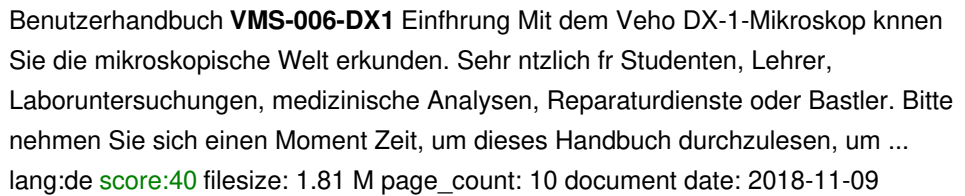
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Manuel Introduction Le microscope Veho DX 1 vous permet d explorer le monde microscopique Très utile pour les étudiants enseignants recherches en laboratoire analyses médicales services de VMS 006 DX1 manual FRANÇAIS veho world 2018 11

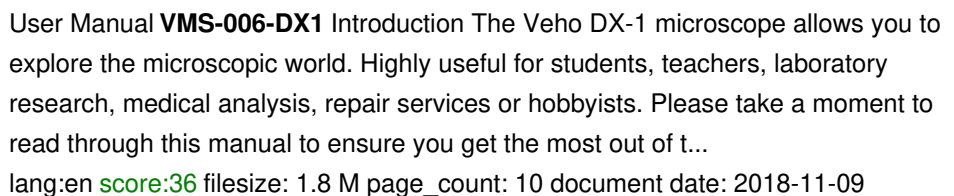
Manuel utilisateur **VMS-006-DX1** Introduction Le microscope Veho DX-1 vous permet d explorer le monde microscopique. Trs utile pour les tudians, les enseignants, les recherches en laboratoire, les analyses mdicales, les services de rparation ou les amateurs. Veuillez prendre un moment pour lire ce ...

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Benutzerhandbuch veho 4 5 Montage des DX 1 Mikroskops 2 3 'Klicken Stellen Sie den Ständer mit festgezogener Sicherungsmutter auf Richten die Befestigungspunkte Einführung Mit dem Veho Mikroskop können mikroskopische Welt erkunden Sehr nützlich für Studenten Lehrer Laboruntersuchungen medizinische Analysen Reparaturdienste oder VMS 006 DX1 manual DEUTSCHE world 2018 11



User Manual veho Veho Focus range focus from 0mm to 150mm Magnification ratio 10x or 200x Video format AVI Photo JPEG Light source 8 LEDs brightness adjustable PC interface USB2.0 Power 5V DC USB port System requirements Windows 7, 10, Mac 12 and later Languages English, German, Spanish, Russian, Italian, French, Portuguese, Dutch The DX 1 microscope allows you explore the microscopic world. Highly useful for students, teachers, laboratory research, medical analysis. To install Micro Capture Plus software, use supplied CD, visit our website area at Introduction, repair services, hobbyists. Please take a moment read through this manual, ensure get most out of. Keep safe future reference. VMS 006 DX1 ENGLISH 2018 11



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Veho Product Data Sheet Model Number SKU Main/Hero Image **VMS-006-DX1**

Categories Product Title Listing Short Descriptive Text Long Descriptive Text SRP at launch GBP SRP at launch EUR SRP at launch USD SRP at launch CAD/ AUS SRP at launch DKK Launch date month/year Top selling points ...

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