

Ken-A-Vision 7200HD

Ken-A-Vision 7200HD Video Flex Digital Document Camera User Manual

Model: 7200HD

INTRODUCTION

This manual provides comprehensive instructions for the Ken-A-Vision 7200HD Video Flex Digital Document Camera. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using the product.



Figure 1: Ken-A-Vision 7200HD Video Flex Digital Document Camera.

This image displays the Ken-A-Vision 7200HD Video Flex Digital Document Camera from a front perspective. It features a flexible black neck extending from a grey triangular base, topped with a black and silver camera head. A USB cable is visible extending from the base.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Ken-A-Vision 7200HD Video Flex Digital Document Camera
- Microscope Adapter
- Carrying Case
- Discovery Scope Kit
- Applied Vision 4.0 Software (Windows, Mac, Linux compatible)
- USB 2.0 Cable (factory installed, 1.7 m)

SETUP

1. **Unpacking:** Carefully remove all components from the carrying case.
2. **Placement:** Place the camera base on a stable, flat surface. Ensure adequate space for the flexible neck and the object being viewed.
3. **USB Connection:** Connect the integrated USB 2.0 cable from the camera base to an available USB port on your computer. The device is UVC Driverless, supporting plug-and-play functionality.



Figure 2: USB Connection Point.

This image shows the rear of the Ken-A-Vision 7200HD base, highlighting the integrated USB cable extending from the unit for connection to a computer.

4. **Software Installation:** Install the Applied Vision 4.0 software from the provided media or download the latest version from the Ken-A-Vision website. Follow the on-screen instructions for installation. The software is compatible with Windows, Mac, and Linux operating systems.

OPERATING INSTRUCTIONS

Basic Operation

1. **Power On:** The device powers on automatically when connected via USB to a powered computer.

2. **Launch Software:** Open the Applied Vision 4.0 software on your computer.
3. **Adjust Viewing Angle:** The flexible neck allows for a 180-degree ball and socket head viewing angle. Position the camera head over the object you wish to display.



Figure 3: Flexible Neck Adjustment.

This image shows a side view of the Ken-A-Vision 7200HD, illustrating the flexibility of its neck, which allows for precise positioning of the camera head.

4. **Focus Adjustment:** The camera features manual focus with a quick-turn focus ring located on the camera head. Rotate the ring until the image on your screen is clear.

Software Features (Applied Vision 4.0)

- **Digital Zoom:** Utilize the software buttons to digitally zoom in on your subject up to 16x magnification.
- **Negative/Positive:** Toggle between negative and positive image modes using the dedicated software buttons.
- **Image Rotation:** Rotate the image 360 degrees in both directions via software controls.
- **Image Capture/Video Recording:** Refer to the Applied Vision 4.0 software manual for detailed instructions on capturing still images and recording video.

Special Applications

- **Microscope Adapter:** Attach the provided microscope adapter to the camera head to connect the Video Flex to a microscope eyepiece for magnified viewing.
- **Interactive Whiteboards:** The Ken-A-Vision 7200HD is compatible with various interactive whiteboards. Connect the camera to your computer, and the image can be projected and interacted with through your whiteboard software.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently clean the camera lens. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Body:** Wipe the camera body and flexible neck with a soft, damp cloth. Do not immerse the device in

water or use excessive moisture.

- **Storage:** When not in use, store the Ken-A-Vision 7200HD in its provided carrying case to protect it from dust and physical damage. Store in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed in software.	<ul style="list-style-type: none">◦ USB cable not properly connected.◦ Software not recognizing the device.◦ Incorrect camera selected in software.	<ul style="list-style-type: none">◦ Ensure USB cable is securely connected to both the camera and the computer.◦ Restart the Applied Vision 4.0 software.◦ Check software settings to confirm the 7200HD is selected as the active camera.◦ Try a different USB port on your computer.
Image is blurry.	<ul style="list-style-type: none">◦ Focus is not adjusted correctly.◦ Object is too far or too close.	<ul style="list-style-type: none">◦ Manually adjust the focus ring on the camera head until the image is sharp.◦ Adjust the distance between the camera lens and the object.
Software crashes or freezes.	<ul style="list-style-type: none">◦ Outdated software version.◦ System resource conflict.	<ul style="list-style-type: none">◦ Ensure you have the latest version of Applied Vision 4.0 software installed.◦ Close other demanding applications.◦ Restart your computer.

SPECIFICATIONS

Feature	Detail
Model	7200HD
Image Sensor	CMOS
Pixel Count	1920 x 1080 (3.2 Megapixel)
Output Resolution	1080P High Definition
Frame Rate	Default 13 fps at 1280 x 1024; VGA 30 fps at 640 x 480
Connectivity	USB 2.0 (UVC Driverless)
USB Cable Length	1.7 m (factory installed)
Viewing Angle	180-degree ball and socket head
Digital Zoom	Up to 16x (controlled by software)
Focus	Manual (quick turn focus)
Image Controls	Negative/Positive, 360-degree rotation (controlled by software)

Feature	Detail
Software Included	Applied Vision 4.0 (Windows, Mac, Linux compatible, free upgrades, unlimited site licenses)
Included Accessories	Microscope adapter, carrying case, discovery scope kit
Dimensions (Package)	18.5 x 13.4 x 8.5 inches
Weight (Package)	12.3 Pounds
Color	Black, Off-White

WARRANTY AND SUPPORT

Warranty Information

The Ken-A-Vision 7200HD Video Flex Digital Document Camera comes with a **5-Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty documentation included with your product or visit the official Ken-A-Vision website.

Customer Support

For technical assistance, software updates, or further inquiries, please contact Ken-A-Vision customer support. Contact information can typically be found on the manufacturer's official website or in the product packaging.

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Related Documents - 7200HD

 <p>Ken-A-Vision 910-171-210 Furniture Camera: Parts List and Assembly Instructions</p> <p>Detailed parts list and step-by-step assembly instructions for the Ken-A-Vision 910-171-210 Furniture Camera system. Includes component identification and installation guide.</p>	
 <p>Allied Vision Alvium Flex Cameras: Design and Accessory Guide V1.0.3</p> <p>Explore the Allied Vision Alvium Flex MIPI CSI-2 and USB3 vision cameras with this comprehensive Design and Accessory Guide. Learn about integration, flexibility, and available accessories for professional vision system applications.</p>	

	<p><u>Humana 2026 Vision Benefits Guide for Hillsborough County Government Retirees</u></p> <p>This guide provides comprehensive information on Humana's 2026 vision plans for Hillsborough County Government retirees, detailing coverage, costs, enrollment procedures, and exclusive member discounts.</p>
	<p><u>EPSON Vision Guide 7.0 Hardware & Setup Manual</u></p> <p>Comprehensive hardware and setup manual for EPSON Vision Guide 7.0, an option for EPSON RC+ 7.0. Covers installation, configuration, hardware components (CV1, CV2, PV1), cameras, lenses, and troubleshooting for industrial vision systems.</p>
	<p><u>Neos SmartCam FAQ: Features, Storage, and Security</u></p> <p>Frequently asked questions about the Neos SmartCam, covering outdoor usage, cloud storage, MicroSD card compatibility, video sharing, volume control, offline functionality, USB port usage, video quality settings (HD, SD, 360p), camera range, power requirements, Wi-Fi compatibility, and data security measures.</p>
	<p><u>EPSON Vision Guide 7.0 Hardware & Setup Manual</u></p> <p>Comprehensive guide to the EPSON Vision Guide 7.0 hardware and setup, covering Compact Vision CV1, CV2, and PC Vision PV1 systems for industrial robotics. Includes installation, configuration, safety, and specifications.</p>

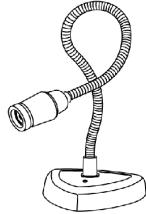
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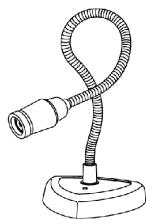
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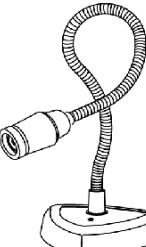
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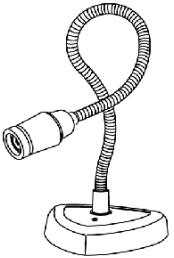
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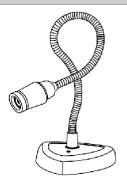
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