

VIISAN VK16

VIISAN VK16 Portable USB Book & Document Scanner User Manual

Model: VK16

1. INTRODUCTION

The VIISAN VK16 is a high-resolution 16-megapixel portable USB book and document scanner designed for efficient digitization of various materials. It features advanced technologies such as auto-flattening for curved pages, deskewing, and Optical Character Recognition (OCR) for converting scanned images into editable text formats. This device also functions as a document camera, making it suitable for remote teaching, learning, and online collaborations. Its compact, foldable design and USB power supply ensure portability and ease of use in diverse environments.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- VIISAN VK16 Smart Book Scanner (x1)
- Quick Start Guide (x1)
- Scan Pad (x1)
- Hand Button (x1)
- USB Cable (x1)

3. SETUP GUIDE

Follow these steps to set up your VIISAN VK16 scanner:

1. **Unpack the Scanner:** Carefully remove all components from the packaging.
2. **Place the Scan Pad:** Lay the black scan pad flat on a stable surface. Ensure it is free of wrinkles or obstructions.
3. **Position the Scanner:** Place the VIISAN VK16 scanner on the designated area of the scan pad. Ensure the scanner's camera head is facing downwards and centered over the scanning area. The scanner is designed to be foldable for portability; unfold it to its upright position for operation.
4. **Connect USB Cable:** Connect one end of the provided USB cable to the USB port on the scanner and the

other end to an available USB port on your computer (PC or laptop). The scanner is powered directly via USB, so no external power adapter is needed.

5. **Install Software:** Insert the provided software CD (if applicable) or download the latest version of the "VIISAN OfficeCam" or "DeskCam" scanning software from the official VIISAN website. Follow the on-screen instructions to complete the installation. This software is compatible with Windows and macOS.
6. **Connect Hand Button:** If using the external hand button for scanning, connect its USB cable to an available USB port on your computer.



Figure 3.1: The VIISAN VK16 scanner positioned on its scan pad with an open book, ready for operation. The USB cable and external hand button are visible.

4. OPERATING INSTRUCTIONS

The VIISAN VK16 scanner offers various features for efficient document and book digitization. Ensure the VIISAN OfficeCam/DeskCam software is installed and running on your computer before proceeding.

4.1. Basic Scanning Operation

1. **Launch Software:** Open the VIISAN OfficeCam/DeskCam software on your computer.
2. **Place Document:** Place the document, book, or object you wish to scan onto the scan pad, directly under the scanner's camera. For books, open them flat as much as possible.
3. **Adjust Lighting (if needed):** The VK16 has built-in adjustable LED lights. If the environment is dark or the document is not well-lit, use the software controls or the physical button on the scanner to adjust the LED brightness.
4. **Initiate Scan:** Click the "Scan" button within the software interface, or press the external hand button (if connected) to capture the image. The scanner is designed for ultra-fast scanning, typically less than 1 second per page.
5. **Review and Save:** The scanned image will appear in the software. You can then review, edit, and save it in your desired format (JPG, PDF, editable PDF, Word, Text, Excel).



Figure 4.1: The VIISAN VK16 features a 16-megapixel sensor for high-resolution captures and supports one-click scanning for efficiency.



Figure 4.2: The VK16 allows for smart, simple, and speedy scanning, with book page flattening taking only a few seconds.

4.2. Advanced Software Features (VIISAN OfficeCam/DeskCam)

The bundled software provides powerful tools to enhance your scanning experience:

- **Smart Curve Flattening Technology:** This feature automatically identifies and corrects the curvature of open book pages, making them appear flat in the scanned image. It can also remove finger images if they are holding down pages, purify the background, and automatically split double-page spreads into two independent images.

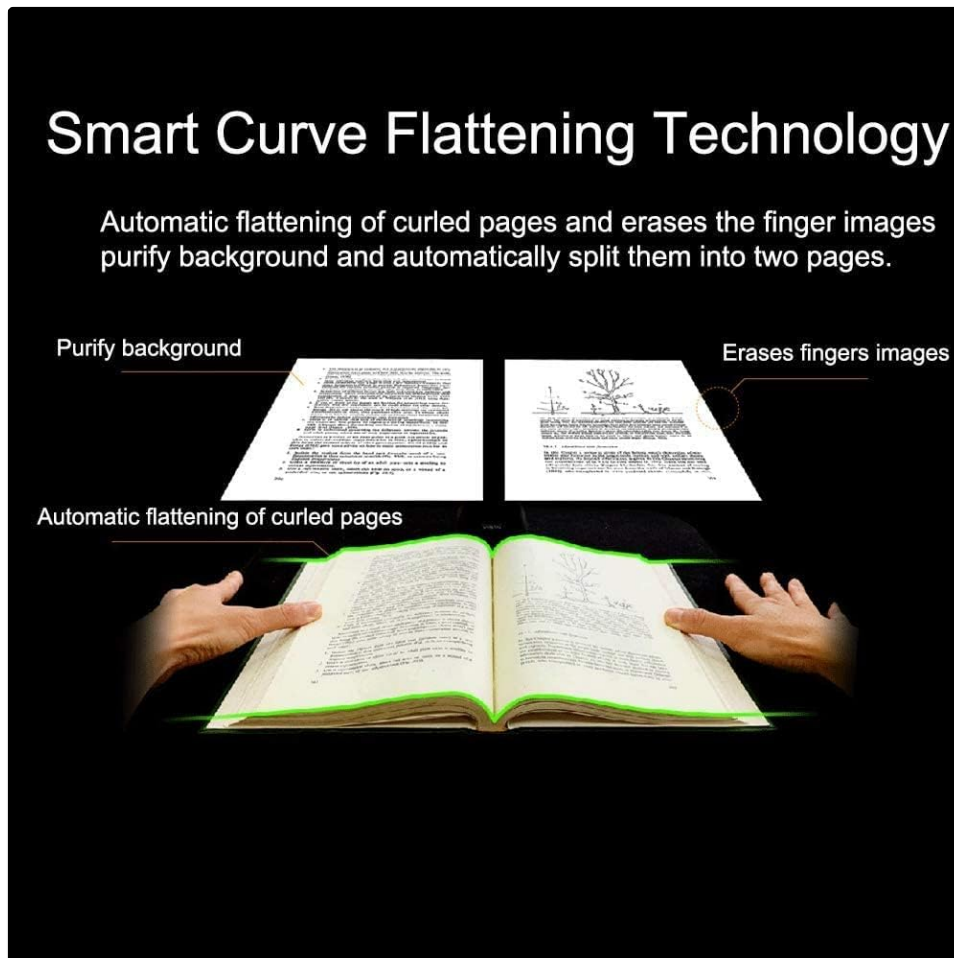


Figure 4.3: The software's intelligent algorithm automatically flattens curved pages, removes finger images, and purifies the background for clean scans.

- **Powerful Multi-language OCR Function:** The Optical Character Recognition (OCR) function allows you to convert scanned images into editable text formats such as Word, Excel, or TXT. It supports over 100 languages, enabling you to search, copy, and edit the content of your scanned documents.

Powerful Multi-language OCR Function

Recognizes
more than 100+
languages



Figure 4.4: The powerful multi-language OCR function recognizes text from scanned documents, allowing for conversion into editable formats.

- **USB Document Camera Functionality:** The VK16 can be used as a document camera for live presentations and remote collaboration. It is compatible with popular video conferencing software such as Zoom, Microsoft Teams, Google Meet, and Skype, allowing you to share physical documents or objects in real-time during online meetings or classes.



Figure 4.5: Enhance your creativity and collaboration from home or office by using the VK16 as a document camera with popular conferencing software.

- **Intuitive Lighting Controls:** The built-in LED lamp ensures clear photos even in dark environments. The adjustable lamp allows you to switch the brightness according to the ambient lighting conditions, optimizing scan quality.

Intuitive Lighting Controls

Built-in Lamp allows take clearly photos even in the dark.
the adjustable lamp allows you to switch the brightness according to the environment.



Figure 4.6: The VK16 features intuitive lighting controls with a built-in adjustable LED lamp to ensure high-quality scans in any lighting condition.

- **Comprehensive Software Interface:** The VIISAN OfficeCam/DeskCam software provides an intuitive user interface with various settings for cropping, curve fitting, edge filling, image settings, and more. It supports converting scanned images into searchable PDFs or editable formats like Word, Excel, and Text.

Powerful **DeskCam™** Scanning Software Compatible with Windows and macOS



Windows 11



macOS

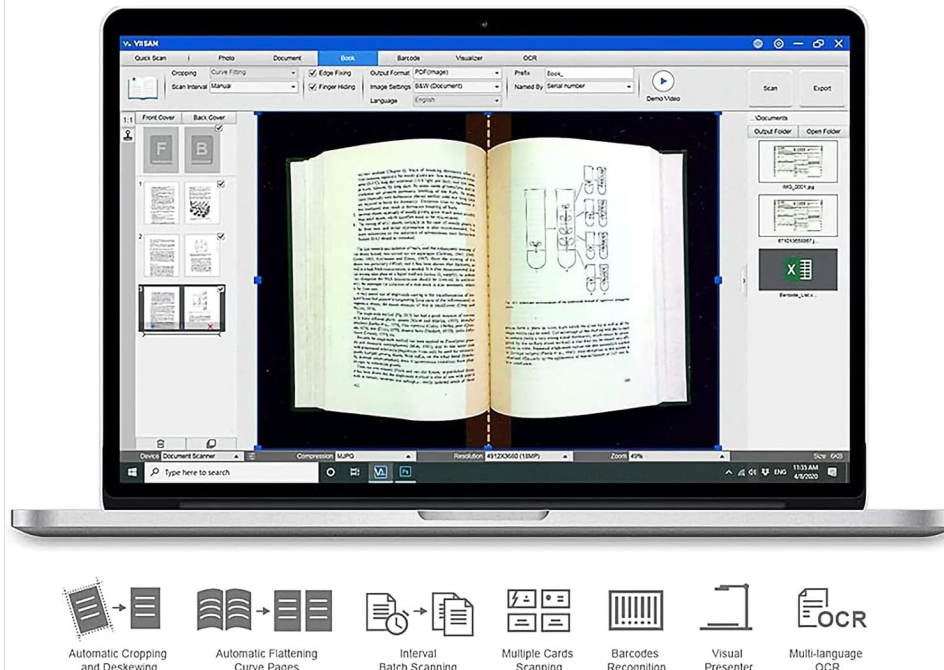


Figure 4.7: The powerful DeskCam™ Scanning Software is compatible with Windows and macOS, offering a comprehensive suite of features for document processing.



Figure 4.8: The intelligent scanning software features an intuitive user interface and advanced image processing settings, including OCR and barcode recognition.

5. MAINTENANCE

To ensure the longevity and optimal performance of your VIISAN VK16 scanner, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the scanner's body and the scan pad with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Do not use abrasive cleaners, solvents, or alcohol, as these can damage the surfaces.
- **Lens Care:** Gently clean the camera lens with a lens cleaning cloth or a soft brush designed for optical surfaces. Avoid touching the lens directly with your fingers.
- **Storage:** When not in use, fold the scanner to its compact form and store it in a clean, dry place away from direct sunlight, extreme temperatures, and excessive dust.
- **Software Updates:** Periodically check the official VIISAN website for software updates to ensure you have the latest features and bug fixes.

6. TROUBLESHOOTING

If you encounter issues with your VIISAN VK16 scanner, refer to the following common problems and solutions:

- **Scanner Not Detected:**
 - Ensure the USB cable is securely connected to both the scanner and your computer.
 - Try connecting to a different USB port on your computer.
 - Restart your computer and the scanning software.
 - Verify that the necessary drivers and software (VIISAN OfficeCam/DeskCam) are correctly installed.
- **Poor Scan Quality:**
 - Ensure the document is placed flat and centered on the scan pad.
 - Adjust the built-in LED lighting for optimal illumination.
 - Clean the camera lens for any dust or smudges.
 - Check software settings for resolution and image quality.
- **Software Crashes or Freezes:**
 - Ensure your computer meets the minimum system requirements for the software.
 - Update the software to the latest version from the VIISAN website.
 - Close other demanding applications running on your computer.
- **OCR Not Working Correctly:**
 - Ensure the document is clear, well-lit, and free from shadows.
 - Verify that the correct language is selected in the OCR settings within the software.
 - For best results, scan documents with clear, standard fonts.

If the problem persists, please refer to the Warranty and Support section for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model	VK16
Brand	VIISAN

Feature	Specification
Optical Sensor Resolution	16 Megapixels (4608 x 3456 pixels)
Capture Size	Up to A3
Scanning Speed	Less than 1 second per page
Light Source Type	LED (Adjustable)
Focus Type	Autofocus
Hardware Interface	USB
Operating System Compatibility	Windows, macOS
OCR Support	100+ languages, output to JPG, PDF, editable PDF, Word, Text, Excel
Dimensions (Folded)	Approx. 48.69 x 14.4 x 11.51 cm
Weight	Approx. 1.63 kg
Power Supply	USB Powered

8. WARRANTY AND SUPPORT


The VIISAN VK16 Portable USB Book & Document Scanner comes with a one-year warranty service from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.


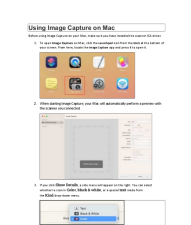
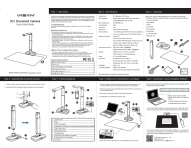

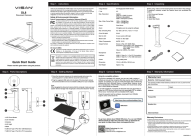
For technical support, troubleshooting assistance, or warranty claims, please visit the official VIISAN website. Professional technicians are available to answer your questions and provide guidance during the use of the product.

Official Website: www.viisan.com

Please retain your proof of purchase for warranty validation.

Related Documents - VK16

	<p>VIISAN OfficeCam User Manual for Mac</p> <p>User manual for VIISAN OfficeCam scanning software on macOS, detailing installation, features, and troubleshooting for document, book, barcode, ID, and video scanning.</p>
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 <p>VIISAN Professional Book Scanner for Crystal Clear Imaging K48 Ultra-High Resolution Overhead Book & Document Scanner</p>	<p>VIISAN K48 Ultra-High Resolution Overhead Book & Document Scanner</p> <p>Discover the VIISAN K48, an ultra-high resolution overhead book and document scanner featuring a 48MP CMOS sensor, 4K video recording, AI-powered text-to-speech, and automatic page flattening for crystal clear imaging and efficient scanning.</p>
 <p>Using Image Capture on Mac</p>	<p>VIISAN A3 Scanner: Using Image Capture on Mac and Troubleshooting ICA Driver Installation</p> <p>A comprehensive guide on using Apple's Image Capture application with VIISAN A3 scanners on macOS, including detailed steps for setup, scanning, and troubleshooting ICA driver installation issues.</p>
	<p>VIISAN S21 Document Camera Quick Start Guide - Setup, Specifications, and Usage</p> <p>Comprehensive Quick Start Guide for the VIISAN S21 Document Camera. Learn how to set up, connect, and use your A2-size USB document camera with detailed specifications, assembly instructions, and software download information.</p>
 <p>VIISAN VF3240 / VF3120 A3 High Speed Flatbed Scanner User's Manual</p>	<p>VIISAN VF3240/VF3120 A3 High Speed Flatbed Scanner User Manual</p> <p>Comprehensive user manual for the VIISAN VF3240 and VF3120 A3 High Speed Flatbed Scanners, covering installation, software usage (ViiScan, Event Utility), scanning operations, image processing, maintenance, troubleshooting, and technical specifications.</p>
	<p>VIISAN DL8 Document Camera Quick Start Guide</p> <p>A concise quick start guide for the VIISAN DL8 Document Camera, detailing setup instructions, product specifications, unpacking, parts description, software connection, and warranty information.</p>