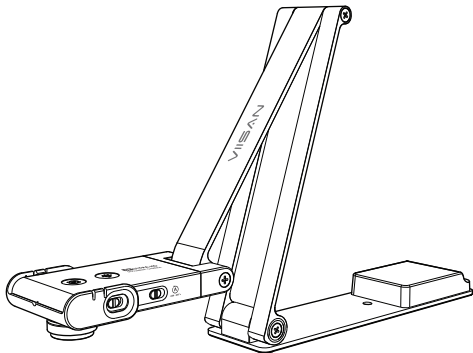


VIISAN®

VS13AM

4K Document Camera

with AI Noise Reduction Microphone & 20X Macro Lens Adapter



Quick Start Guide

Please read this guide before using the product.

Instructions

Thank you for purchasing the VIISAN product. The VS13AM is a portable 4K document camera equipped with an AI noise reduction microphone and a 20x Macro Lens Adapter, ideal for remote learning and live demonstrations. This Quick Start Guide provides a brief overview of the steps to begin using your document camera. If you have any technical or service-related questions, please contact our customer support team at info@viisan.com, we are happy to assist you.

Safety & Environmental Information

Federal Communications Commission Statement (Class B)



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate the equipment.

CE Class B (EMC)



This product is herewith confirmed to comply with the requirements set out in the Council Directives on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive 2014/30/EU.



This symbol on a product or on its packaging indicates that the product must not be disposed of with other household waste. Instead, it is your responsibility to ensure disposal of waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment usually at a Local Amenity Site. The proper recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Specifications

Image Sensor	12 Megapixels, 1/2.55" CMOS
F/NO (Infinite)	F1.8 ± 5%
G-Sensor	Built-in (supports automatic rotation)
Max. Output Resolution	4160 × 3120 pixels via VisualCam software
Hardware Available Resolution	3840x2160@30fps, 2048x1536@30fps, 1920x1080@30fps, 1600x1200@30fps, 4000x3000@10fps, 800x600@30fps, 2592x1944@30fps, 3840x2880@15fps, 3264x2448@15fps, 2560x1440@30fps, 1024x768@15fps, 960x540@30fps, 640x480@30fps, 640x360@30fps
Digital Zoom	10x by Software
Max.Capture Area	440x330mm at 4000 x 3000 pixels resolution
Min. Focus distance	Without Macro Lens Adapter: 10 cm With Macro Lens Adapter: 3 cm
Focus	Auto, supports dual modes (AF-C / AF-S)
Image Rotation	0° / 180° / AUTO
Support Power Line Frequency	50 / 60 Hz
Microphone	Built-in AI noise reduction microphone
Microphone Sensitivity	94dB SPL @1KHz Min-29 Tye-26 Max-23 dBFS, SNR 64dB
LED lamp	Built-in
Interface	USB Type-C
Powered by	USB 2.0 5V/500mA
Support Operating System	Windows® 11, 10, Windows 8, Windows 7 macOS 10.15 or later
Dimensions	Extended: 397(L) x 51(W) x 351(H) mm Closed: 197 (L) x 51(W) x 20(H) mm
Net Weight	409g

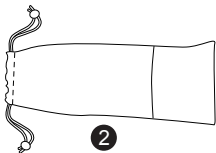
Unpacking

Before using, make sure the following items are included in the package. If anything is missing, contact the retailer where you purchased the product.

1. VS13AM Document Camera
2. Carrying Bag
3. USB Cable
4. 20x Macro Lens Adapter
5. Cable Clip x 2
6. USB C to A Adapter
7. Quick Start Guide



1



2



3



4



5

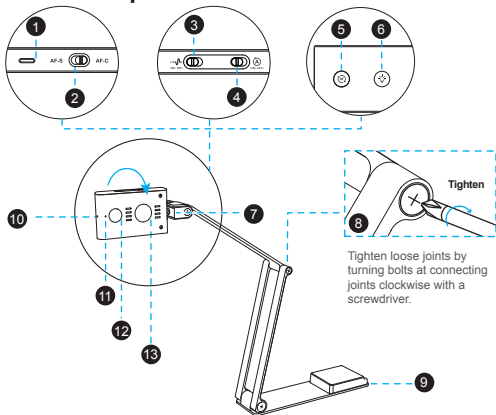


6



7

Part Descriptions



1. USB Type-C Port

2. AF-S/AF-C Switch

Switch the slider to change the focus mode to Auto Focus-Single (AF-S) or Auto Focus-Continuous (AF-C)

*When AF-C is enabled, the 5 focus function is disabled.

3. AI Noise Reduction ON/OFF

Switch the slider to enable or disable AI Noise Reduction.

4. Auto Rotate ON/OFF

Switch the slider to turn on / off the G-sensor to enable or disable automatic rotation.

*When G-sensor is enabled, the 5 rotate function is disabled.

5. Auto Focus/Rotate Button

Press once: Auto Focus

Press and hold: Flip Image 0°/180°

6. LED Touch Button

Press to turn on the LED light (3-level brightness control)

7. Flip Camera Head 0° / 180°

8. Bolts

9. Base Plate

10. LED Indicator

11. Built-in Microphone

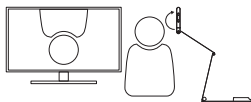
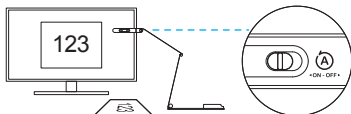
12. Camera lens

13. LED Light

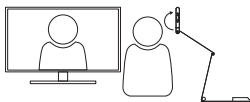
Auto Rotate ON/OFF

Scenario1.

If a document is shown at the beginning, the G-sensor will automatically rotate the live image when the user flips the camera head upward to show their face.



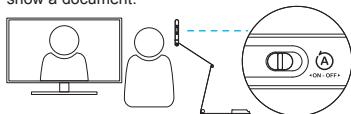
Auto Rotate off



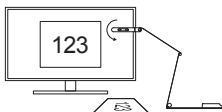
Auto Rotate on

Scenario 2.

If the user's face is initially detected, the G-sensor will automatically rotate the live image when the camera head is flipped downward to show a document.



Auto Rotate off

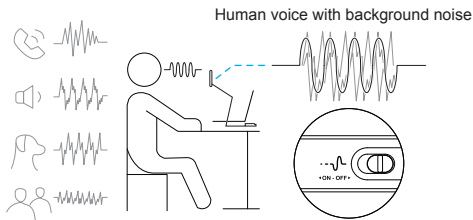


Auto Rotate on

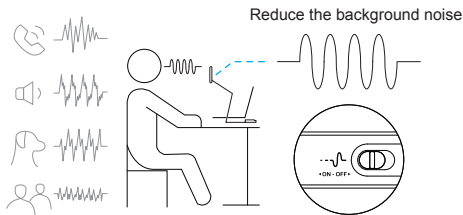
AI Noise Reduction ON/OFF

The VS13AM effectively preserves the natural sound of the human voice while accurately reducing background noise, creating an ideal workspace wherever you are.

AI Noise Reduction off

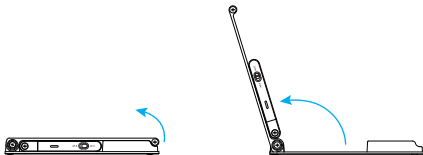


AI Noise Reduction on

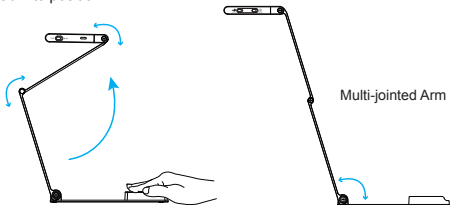


Getting Started

1. Lift the camera arm to extend the document camera.

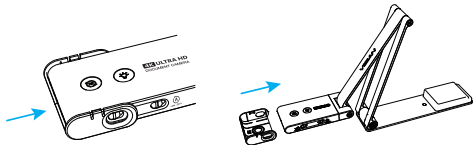


2. Press down on the base plate and pull it upward, then flip the camera head into position.



3. Install the 20X Macro Lens Adapter:

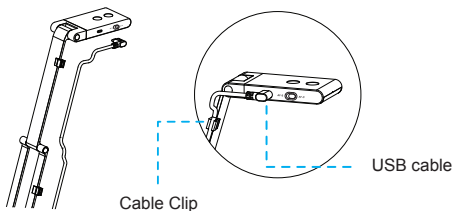
To enable extreme close-up viewing, attach the **20X Macro Lens** adapter to the camera. This is ideal for capturing or demonstrating fine details such as textures, circuits, or intricate components.



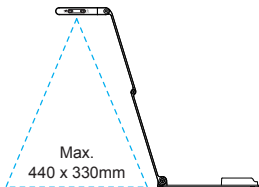
NOTE: Ensure the Macro Lens Adapter is firmly attached to the camera head.

Connecting USB Cable

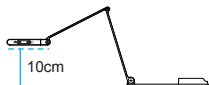
1. Connect the USB cable from the camera to your computer.
2. Use the cable clips to secure the cable along the camera arm.



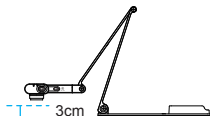
3. Extend the arm to adjust height and capture up to 440x330mm at 4000 x 3000 pixels resolution.



4. Minimum Shooting Distance.



Without Macro Lens Adapter



With Macro Lens Adapter

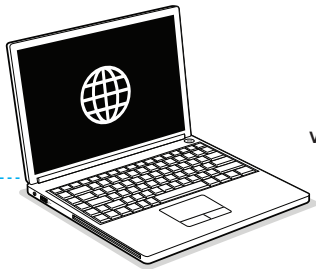
Software Download

Using the compatible software

The VS13AM is a standard UVC camera, meaning it can be used with a wide range of software applications that support UVC video sources. For example, it works seamlessly with third-party video conferencing platforms such as Zoom, Microsoft Teams, and Google Meet.

However, to unlock the full functionality of this 4K 2-in-1 document camera, we highly recommend using it with VIISAN VisualCam software. This free software enables advanced features like image enhancement, annotation, and microlens support.

You can download VisualCam from VIISAN's support center using the link below.



VIISAN VisualCam

Download the compatible software & user manual at

<https://www.viisan.com/en/download/index.html>

Warranty Information

Warranty Card

Model No.: VS13AM

This product provides limited warranty continues for one (1) year from the date of purchase.

Name:

Email:

Address:

Product S/N:

Reseller Info.:

Date of purchase:

Warranty Exclusions

The following circumstances excluded from warranty coverage:

- Product damage caused by catastrophes, thunder stroke, faulty electric power, and environmental factors.
- Defacing of product labeling (label alterations and falsifying, serial number missing, serial number no longer discernible, serial number invalid). All serial numbers are recorded and tracked for warranty purposes.
- Unauthorized changes of non-parts, modifications or alterations, parts removal in or to the products.
- Damage caused by operator error or operator fails to comply user manual instruction, such as, but not limited to improper storage resulting in product get wet, corrosion, ell off, squeezed or exposed to inadequate temperature/humid environment.
- Accessories or packing material such as boxes, user manual, etc.

VIISAN Technology Co., Ltd.

www.viisan.com

Customer service: info@viisan.com

VIISAN®