



V500 SERIES DOCUMENT CAMERA

WIFI | USB | HDMI | VGA

FC CE RoHS







V500W

WIFI & HDMI & USB & VGA Connectivity

- 100X Digital Zoom Function
- USB / VGA / HDMI Output
- SD / SDHC / SDXC Compatibility
- Built-in PC-free Software
- Power Supply By DC 12V Adapter and 7200 mAh lithium battery
- Compatible With MAC / Windows / Chromebook

Enjoy Wireless Freedom In The Classroom



V500

HDMI & USB & VGA Connectivity

- 100X Digital Zoom Function
- USB / VGA / HDMI Output
- SD / SDHC Compatibility
- Built-in PC-free Software
- Compatible With MAC / Windows / Chromebook

The Most Comprehensive Visual Technology



V500S

Economy-grade USB Model

- 100X Digital Zoom Function
- USB Output
- Easy To Carry and portable
- Power Supply By USB
- Compatible With MAC / Windows / Chromebook

Hot-selling & Economic Products



DOCUMENT CAMERA V500W

WIFI & HDMI & USB & VGA Connectivity

V500W Provides four connection modes—WiFi, HDMI, VGA, USB, which makes you capture or stream live image to you computer, Android device, projector, interactive whiteboard, display screen wirelessly or non-wirelessly. Unique folding and rotatable two-arms & five-joints structure features, along with 9-12 hrs battery life, allows you to teach and make presentation anywhere and anytime





Highlight & Parameter

Hardware

Sensor	1/3.2" CMOS
Power Supply	DC 12V
Illumination System	White LED X 12
Microphone	Internal MIC
Rotation Arm	90° 180° 270°



Software Application

PC-free Software	Yes
Language	Multiple Languages
Annotation	Live / Still image
Edit	Yes
Preview	Yes
Video Capture	Yes
Still Image Capture	Yes
OCR function	ABBYY OCR Technology
Compatibility	MAC / Windows / Chromebook



Optical System

Lens	F=2.2
Effective Pixels	8.0MP
Frame rate	Max 60fps
Format	Max 420mm x 297mm (Almost A3)
Digital Zoom	Max 100X
Focus mode	Auto Focus

Interfaces

VGA_IN	SXGA (1280*1024) / XGA (1024*768) WXGA (1280*800) / HD(1360*768)1080P
VGA_OUT	1080P SXGA (1280*1024) / XGA (1024*768) WXGA (1280*800) / HD(1360*768) 1080P
HDMI_OUT	480p / 720p / 1080p
USB_OUT	QVGA / VGA / SVGA / XGA / SXGA
SD Card	SD / SDHC / SDXC Compatibility
Wifi	yes

General

Operation Temperature	-10°C to 50°C
Operation Humidity	20% - 80%
Dimensions Open	W185 x D295 x H325mm
Folded	W312 x D110 x H85mm
Weight	1.2kg



DOCUMENT CAMERA V500

HDMI & USB & VGA Multi Mode

Joy-DocCam V500 could easily reach out to various displaying terminals by VGA & HDMI. Proper layout and functional integration of physical buttons for a more comfortable user experience. It delivers high definition 1080p videos in RGB true color and never misses any single detail



Full HD Display

Output crisp, colorful and high definition images by 8.0 Mega Pixels CMOS sensor.



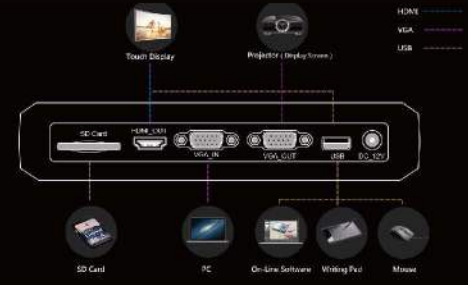
Functional Physical Buttons

Proper layout and functional integration of physical buttons for a more convenient user experience.



Widely Available Generic Interfaces

SD Card / USB ports / VGA IN&OUT / HDMI



PC Software

Making use of the included professional application software helps to enrich content and facilitate more engaging lessons.



Built-in PC-free Software

Benefiting from humanized functions such as auto-focus, magnifier, mirror, annotate, etc., the demonstration will be more precise and beautiful.



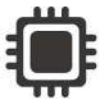
Flexible Multi-Joint

Five joints in two arms, perfectly reveal details from close-up to full shot of various objects.



Highlight & Parameter

Hardware



Sensor	1/4" CMOS
Power Supply	DC 12V
Illumination System	White LED X 12
Microphone	Internal MIC
Rotation Arm	90° 180° 270°



Software Application



PC-free Software	Yes
Language	Multiple Languages
Annotation	Live / Still image
Edit	Yes
Preview	Yes
Video Capture	Yes
Still Image Capture	Yes
OCR function	ABBYY OCR Technology
Compatibility	MAC / Windows / Chromebook



General



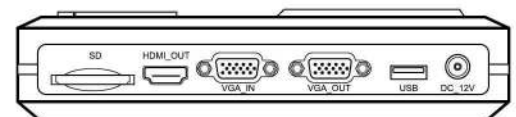
Operation Temperature	-10℃ to 50℃
Operation Humidity	20% - 80%
Dimensions Open	W185 x D110 x H263mm
Folded	W312 x D110 x H85mm
Weight	1.0kg

Optical System

Lens	F=2.8
Effective Pixels	8.0MP
Frame rate	Max 30fps
Format	Max 420MM*297MM (Almost A3)
Digital Zoom	Max 100X
Focus mode	Auto Focus

Interfaces

VGA_IN	SXGA (1280*1024) / XGA (1024*768)
VGA_OUT	WXGA (1280*800) / HD(1360*768) 1080P
HDMI_OUT	480p / 720p / 1080p
USB_OUT	QVGA / VGA / SVGA / XGA / SXGA
SD Card	SD / SDHC Compatibility



DOCUMENT CAMERA V500S

Economy-grade USB Camera

Economy-grade USB auto-focus document camera V500S, is configured with built-in MIC and automatic fill-in light with LED dimmer button. Flexible multi-joint has five joints in two arms. It can display details from close-up view to full shot of various 3D objects. The camera can be rotated flexibly to fit different needs. Connect it to the PC via USB port and the camera will do the rest of work for you!



Built-in Microphone

Using one-click record with built-in microphone, capture every precious moment.



Flexible Multi-Joint

Five joints in two arms, perfectly reveal details from close-up to full shot of various objects.



Auto-focus Camera

Auto-focus by one click, easily respond to various situations.



Easy To Carry

The new structure is designed with flexible multi-joints. Light and compact after folding and suitable for carrying in bag.



PC Software

Benefiting from humanized functions such as auto-focus, magnifier, mirror, annotate, etc., the demonstration will be more precise and beautiful.



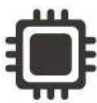
Close-up View

Benefiting from multi-joint design, the scan range can be freely adjusted from a coin to almost A3 size



Highlight & Parameter

Hardware



Sensor	1/4" CMOS
Power Supply	USB
Illumination System	White LED X 11
Microphone	Internal MIC
Rotation Arm	90° 180° 270°



Software Application



Language	Multiple Languages
Annotation	Live / Still image
Edit	Yes
Preview	Yes
Video Capture	Yes
Still Image Capture	Yes
OCR function	ABBYY OCR Technology
Compatibility	MAC / Windows / Chromebook



Optical System

Lens	F=2.8
Effective Pixels	8.0MP
Frame rate	Max 30fps
Format	Max 420MM*297MM (Almost A3)
Digital Zoom	Max 100X
Focus mode	Auto Focus

General

Operation Temperature	-10℃ to 50℃
Operation Humidity	20%-80%
Dimensions Open	W140 x D310 x H320mm
Folded	W140 x D322 x H80mm
Weight	0.9kg

Interfaces

USB_OUT	1x USB	
	USB Mass storage class	

WITH OR WITHOUT A COMPUTER

SD Card / USB ports / VGA IN&OUT / Compatible With HDMI.
Joy-DocCam V500 Series could easily reach out to various displaying terminals.

How to present all handwriting details in front of your class? Connect Joy-DocCam V500, the PC-free document camera, directly to a projector via HDMI cable. Now all your handwriting moves will be projected to the projection screen.

PC Application

Compatible with different software in USB mode



Projector

It is also compatible with most projectors with an HDMI input



Monitor Flat Screen TV

Connect the device to a touch monitor and control the screen by straight touch



SOFTWARE APPLICATION

We offer a variety of services to help you get good products

1080P HD high speed video, integrating rich PC-free display functions, Such as frame magnifying, image freezing, rotating, mirror, contrast, picture-in-picture, etc.

PC-free operation, live interaction video display, easily records professional videos in touch control screen, projector and electronic whiteboard.



1

Split Screen Function

The split screen function allows the live image of an object being captured to be displayed alongside an image stored on the internal/external memory. This dual projection capability can help to improve student understanding by showing complimentary data.



2

Annotation and Edit

Add written text and drawing to the live image, and save both annotation and image data together.



3

Picture-in-Picture

The picture-in-picture allows you to show a large window with a featured section, while a smaller window keeps perspective on the original image. So, students stay focused and the lesson remains clear.



4

Image Roaming Drag Region Zoom In

Show content beyond the display window, roaming dragging and also region zoom in, marking teaching easily.



5

Marquee Zoom

With touch screen use, through the box selected part you can screen full view of the selected local details.



6

Mirror Function

The image can be multi-faceted display, make teaching more convenient to show freely.

PACKAGE & ACCESSORIES

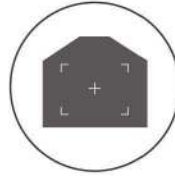
USB Cable / DC Power Adapter / Remote Control / Quick set-up guide
VGA Cable / Software CD-ROM



V500S



USB Cable



Soft Pad



CD



User Manual

V500 & V500W



DC Adapter



VGA Cable



HDMI Cable



USB Cable



Remote Controller



CD



User Manual

Optional Plug



Document Camera Comparison



MODEL	V500S	V500	V500W
Hardware			
Sensor	1/4"CMOS Sensor	1/4"CMOS Sensor	1/3.2"CMOS Sensor
Power Supply	USB	DC 12V	DC 12V
Microphone	Internal MIC	Internal MIC	Internal MIC
Rotation Arm	90°180°270°	90°180°270°	90°180°270°
Effective Pixels	8M Pixels	8M Pixels	8M Pixels
Wifi	N/A	N/A	Yes
Battery	N/A	N/A	7200mAh
Battery Stand-by Time	N/A	N/A	9-12 hours
Battery Charging Time	N/A	N/A	7 hours
Interfaces			
VGA_IN	N/A	SXGA (1280*1024)/ XGA (1024*768) /	SXGA (1280*1024) / XGA (1024*768)
	N/A	WXGA (1280*800)/ HD(1360*768) 1080P	WXGA (1280*800)/ HD(1360*768) 1080P
VGA_OUT	N/A	SXGA (1280*1024)/ XGA (1024*768) /	SXGA (1280*1024)/ XGA (1024*768) /
	N/A	WXGA (1280*800)/ HD(1360*768) 1080P	WXGA (1280*800)/ HD(1360*768) 1080P
HDMI_OUT	N/A	480p / 720p / 1080p	480p / 720p / 1080p
USB_OUT	USB	QVGA / VGA / SVGA / XGA / SXGA	QVGA / VGA / SVGA / XGA / SXGA
SD Card	N/A	SD / SDHC Compatibility	SD / SDHC / SDXC Compatibility
Optical system			
Lens	F=2.8	F=2.8	F=2.2
Frame Rate	Max 30fps	Max 30fps	Max 60fps
Shooting Area	Max 420MM*297MM (Almost A3)	Max 420MM*297MM (Almost A3)	Max 420MM*297MM (Almost A3)
Digital Zoom	Max 100X	Max 100X	Max 100X
Focus mode	Auto Focus	Auto Focus	Auto Focus
Illumination System			
LED Light	White LED×11	White LED×12	White LED×12
Software Application			
PC-free Software	N/A	Yes	Yes
Language	Multiple languages	Multiple languages	Multiple languages
Annotation	Live / Still image	Live / Still image	Live / Still image
Edit	Yes	Yes	Yes
Preview	Yes	Yes	Yes
Video Capture	Yes	Yes	Yes
Still Image Capture	Yes	Yes	Yes
OCR function	ABBYY OCR Technology	ABBYY OCR Technology	ABBYY OCR Technology
Compatibility	MAC / Windows / Chromebook	MAC / Windows / Chromebook	Android / MAC / Windows / Chromebook
General			
Operation Temperature	-10°C to 50°C	-10°C to 50°C	-10°C to 50°C
Operation Humidity	20% - 80%	20% - 80%	20% - 80%
Dimensions Open	W140xD310xH320mm	W185xD295xH320mm	W185xD295xH325mm
Folded	W140xD322xH80mm	W312xD110xH80mm	W312xD110xH85mm
Weight	0.9kg	1.0kg	1.2kg

JOY USING AIMS TO BRING YOU JOY WITH OUR PRODUCTS

1. Go With A Chinese Calligraphy Class

Here we go with a Chinese calligraphy class. How to present all handwriting details in front of your class? Connect Joy-DocCam V500, the PC-free document camera, directly to a projector via HDMI cable. Now all your handwriting moves will be projected to the projection screen. Let's start with the simplest character in Chinese, "人", which means people, person, human being etc. JoyUsing, aims to bring you JOY in your study.



2. Let's Produce A Micro Video By Joy-DocCam For Your Science Class, To Disclose The Magic World To Your Kids!

Science Time! What props to prepare? Check here, what you need are a dish, water, pepper, and soap. Now it is time to record the magic moment. Connect to a V500 visualizer, run the app, adjust the shooting angle, and present the best images you need. All set! Now, click on the START to record. The last step! Dig your finger, that is with liquid soap, into the dish. See what is happening? Fabulous! Now you got your micro-lecture video all recorded, present it to your class! V500 Document camera have brought innovation and inspiration to your classroom for teachers



3. Record A Chemical Experiments Video With Joy-DocCam V500 In Your Classroom. Improve Classroom Teaching Teachers Behavior

Get your props prepared. Here is your journey of lecture recording. Never mind, if the recorded video does not look as what you expect. Just ignore the one and delete, simply click on the "Record" in the APP, and start all over again. Make a video at your will, and present the best to your class.



4. Candle And Water Simple Science Experiment - Recording Science Lessons With V500 Document Camera

High frame rate, high resolution and smooth live broadcast. The V500 offers high frame rates and high resolution, allowing you to enjoy silky, smooth live streaming with amazing clarity, making frustrating delays a thing of the past.



5. How To Make Easter Eggs. Decorating Easter Eggs Is A Great Way To Celebrate The Holiday With Family And Friends Of All Ages.

Five joints in two arms, perfectly reveal details from close-up to full shot of various objects. Capture 3d objects or even whole room from any angle by flexible joints. It's Easter time and a great time to add a wide variety of Easter eggs into your lessons.



6. A Handmade Flower Vase For The Mother's Day. All The Best Wishes To All Mothers.

With Lifetime Wishes, you can leverage the power of video to send your Mom an emotionally powerful message.

Recording a Mother's Day video allows you to take advantage of this digital format. Through video, you can communicate the most moving and sincere messages to your recipients. With Mother's Day on the horizon, there is no person more deserving of a thoughtful video than mom. And you can easily do it with Lifetime Wishes. It's more precious than a gift.



7. Sign Language Teachers Provide Instruction In Signing, Or Non-Verbal, Visual Communication, To Deaf Students And Those Learning It As A Second Language.

The split screen function allows the live image of an object being captured to be displayed alongside an image stored on the internal/external memory. This dual projection capability can help to improve student understanding by showing complimentary date. After class, you can also review online with your students by V500 document camera.



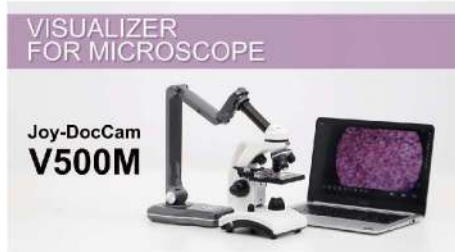
8. One Of The Favorite Crafts For Kids Is Making Homemade Christmas Cards!

SD card compatibility up to 32G, So you can record a very long video. It doesn't matter if you do the wrong operation, because you can press the "pause" and "restart recording" button at any time to start a new video. A piece of cake, the software will do the rest for you.



9. Disclose The Micro-World In Front Of Your Class By Document Camera.

Adjust the position of document camera to match to your microscope. Lay a glass specimen under the microscope, run Joy-Vpresenter APP, and tune slightly till the image is crystal clear in your monitor. It is also a PC-free visualizer. With a microscope, a projector, and a document camera, now you can start your biology class.



10. Easy Father's Day gifts your kids in Preschool and kindergarten Can Make for Dad

V500 document camera will automatically focus and clearly show every steps that making a fathers gift. The smooth flow of the entire production process will make it easier for children to see the steps. Now Watch the recording video and try it.



11. Save Text And Drawing Data During Capture Live Image Annotation And Edit Feature, Such As Conference Presentation.

Widely available generic interfaces can easily reach out to various displaying terminals for different applications, such as conference presentation. Connection via USB makes your presentation easier than ever before. You can connect the device to a touch monitor and control the screen by straight touch.



12. Inspire Your Art Class By Recording The Process Of Art Creation. Check This Out! Joyusing, Aims To Bring You Joy With Our Products.

Joy-DocCam V500 visualizer could be the good assistant to you. Connect V500 to your computer, and adjust the camera to the position you want by its flexible mechanical arm. Get your palette ready! Now here we go with the video class. Demanding in high definition and no color distortion of the video. The V500's superior noise reduction and color reproduction make it the perfect display tool for dark classrooms or studios. Even in dimly lit environments, you won't get distorted colors or pixelated images.



13. V500W Wireless Document Camera For Music Classroom Teaching. Teachers Are Able To Realize Mirror Screen Control With Tablets Or Smart Phones

V500W Wireless Document Camera is designed for classroom teaching. Teachers are no longer being stuck behind a podium. Video recording function is ideal for live presentation, which vividly displays in detail the teaching process and improves classroom interactions. With built-in PC-free Software, presentation is carried to touch monitor now. Teachers are able to realize mirror screen control with tablets or smart phones in the classroom, greatly facilitating the productivity and efficiency of teaching.



14. Inspire Your Art Class By Recording The Process Of Art Creation

Joy-DocCam V500 visualizer could be the good assistant to you. Connect V500 to your computer, and adjust the camera to the position you want by its flexible mechanical arm. Get your palette ready! Here we go with a Chinese calligraphy class. How to present all handwriting details in front of your class? Connect Joy-DocCam V500, the PC-free document camera, directly to a projector via HDMI cable. Now all



15. Musical Glass Cup Science Experiment - A Song 'Mary Had A Little Lamb' That Uses 3 Notes (Do Re Mi)

Using one-click record with built-in microphone, capture every precious moment. Videos and Still Images Captured Beautifully With Audio Data Saving Feature. Save videos or still images captured by an SD card or PC. The record function also allows audio data to be saved with animated images. This allows the Visual presenter to be used as a basic video camera.



16. High Definition Image Application On Conference Presentation

V500 has high definition image in RGB true color. Widely available generic interfaces can easily reach out to various displaying terminals for different applications, such as conference presentation. Connection via USB makes your presentation easier than ever before. You can connect the device to a touch monitor and control the screen by straight touch. It has the advantage of fast imaging and noises removing while preserving details.



THE BEST DOCUMENT CAMERA FOR CLASSROOM



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