ACCU-CAM 500

5MP EYEPIECE MICROSCOPY CAMERA

The affordable ACCU-CAM 500 produces 5MP color images and video. USB 2.0 connectivity and advanced ACCU-VIEW imaging software for camera controls, live viewing, image capture and measurement.



Key Features









12 BIT





6.52mm



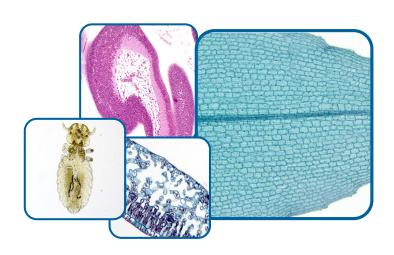






Recommended Applications

- Biology
- Ecology
- Geology
- Education
- Training
- Demonstration



ACCU-CAM 500

5MP EYEPIECE MICROSCOPY CAMERA

Key ACCU-VIEW Software Features

- · Intuitive user interface
- · Powerful image processing tools
- Calibrate, measure and annotate
- Image stitching (requires mechanical stage)
- Extended Depth of Focus
- Windows and MacOS* versions (try ACCU-VIEW Lite for streamlined performance)
- *ACCU-VIEW Lite only



CAMERA & SOFTWARE SPECIFICATIONS

Sensor/Model Sony IMX335, CMOS, color Sensor Size 1/2.8"; built-in adapter lens Resolution 5.1MP, 2592 (H) x 1944 (V) Pixel Size 2.0µm x 2.0µm Frame Rate 26fps @ 2592 x 1944 Shutter Mode Image Transmission USB 2.0 Exposure Time Automatic Settings Manual Settings Manual Settings Chroma, Hue, Saturation Operating Temperature 8 Humidity Data Interface WSB 2.0 ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: Intel 15 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera Size/Weight	M. I.I.	
Sensor Size Resolution S.1MP, 2592 (H) x 1944 (V) Pixel Size 2.0µm x 2.0µm Frame Rate 26fps @ 2592 x 1944 Shutter Mode Image Transmission USB 2.0 Exposure Time Automatic Settings Manual Settings Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface USB 2.0 ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel 15 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g		710 000 21
Resolution 5.1MP, 2592 (H) x 1944 (V) Pixel Size 2.0µm x 2.0µm Frame Rate 26fps @ 2592 x 1944 Shutter Mode Rolling Image Transmission USB 2.0 Exposure Time Automatic Settings Manual Settings Manual Settings Operating Temperature & Humidity Data Interface O-60°C ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available System Software Compatibility Camera 79.1 x 33 x 42.5mm / 100g	Sensor/Model	Sony IMX335, CMOS, color
Pixel Size 2.0µm x 2.0µm Frame Rate 26fps @ 2592 x 1944 Shutter Mode Image Transmission Exposure Time Automatic Settings Manual Settings Manual Settings Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface PC & Mac Imaging Software (see additional features at right) Features at right) System Software Compatibility Camera 2.0µm x 2.0µm Roll White Balance, Exposure Exposure, Brightness, Contrast, Gamma, Chroma, Hue, Saturation O-60°C ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Sensor Size	1/2.8"; built-in adapter lens
Frame Rate 26fps @ 2592 x 1944 Shutter Mode Rolling Image Transmission USB 2.0 Exposure Time Automatic Settings Manual Settings Manual Settings Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface PC & Mac Imaging Software (see additional features at right) Fatures at right) System Software Compatibility Camera 26fps @ 2592 x 1944 Rolling USB 2.0 Lys 1:941ms Rol White Balance, Exposure Exposure, Brightness, Contrast, Gamma, Chroma, Hue, Saturation O-60°C ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Resolution	5.1MP, 2592 (H) x 1944 (V)
Shutter Mode Image Transmission Image Temperature Image Temp	Pixel Size	2.0μm x 2.0μm
Image Transmission Exposure Time Automatic Settings Manual Settings Manual Settings Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface PC & Mac Imaging Software (see additional features at right) System Software Software Compatibility Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Frame Rate	26fps @ 2592 x 1944
Exposure Time Automatic Settings ROI White Balance, Exposure Exposure, Brightness, Contrast, Gamma, Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface USB 2.0 ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel 15 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Shutter Mode	Rolling
Automatic Settings Manual Settings Exposure, Brightness, Contrast, Gamma, Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface USB 2.0 ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Image Transmission	USB 2.0
Manual Settings Exposure, Brightness, Contrast, Gamma, Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface O-60°C ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Exposure Time	1μs - 1s941ms
Chroma, Hue, Saturation Operating Temperature & Humidity Data Interface USB 2.0 ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Automatic Settings	ROI White Balance, Exposure
Temperature & Humidity Data Interface USB 2.0 ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Manual Settings	
ACCU-VIEW Imaging Software for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Temperature	0-60°C
for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins available Windows 7, 8, 10, 11 (64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Data Interface	USB 2.0
System Mac OSX 10.4 and higher Software Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed port minimum Camera 79.1 x 33 x 42.5mm / 100g	Imaging Software (see additional	for Windows and MacOS Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching (requires mechanical stage) Image Types: TIF, JPG, PNG TWAIN and DirectShow plugins
	Software	(64-bit recommended) Mac OSX 10.4 and higher Minimum System Recommendations: intel i5 or better (Quad Core or better); 4GB RAM or more; USB 2.0 high-speed
		79.1 x 33 x 42.5mm / 100g



Copyright © 2022 ACCU-SCOPE Inc. All rights reserved. Printed in the U.S.A. ACCU-SCOPE Inc. reserves the right to change and improve specifications without notice due to technological or manufacturing advances.











v111522