

ALTRA

UHD MICROSCOPY CAMERA

The PathoPix 4K delivers full 4K images with exceptional color and resolution. Stream live images at 60fps via HDMI, USB or Ethernet to a PC, or WiFi. ALTRAvue imaging software adds advanced camera control, image processing, measurement, report generation, and more!

Add an optional and attachable 13.3" OLED monitor to create a complete, compact, stand-alone system.



Key Features



Recommended Applications

CLINICAL/CELL BIOLOGY

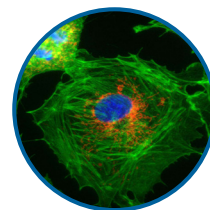
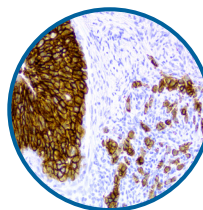
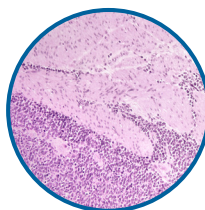
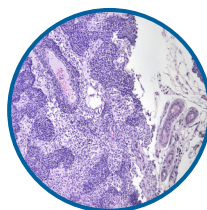
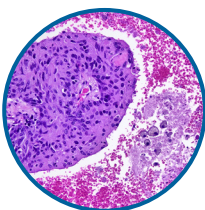
- Pathology
- Histology
- Microbiology
- Hematology

EDUCATION

- Dissection
- Instruction
- Demonstration
- Training

INDUSTRIAL

- Inspection
- Documentation
- Measurement



Empowering Discovery. Advancing Results.

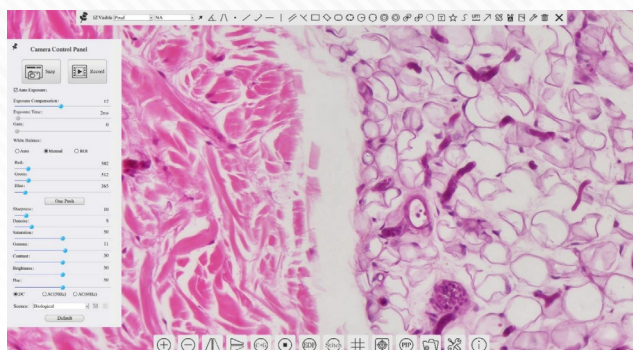
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UHD MICROSCOPY CAMERA

PathoPix 4K

ALTRA CamView

Feature-packed Built-in Software



- No PC needed!
- Calibrate, measure, annotate
- Camera settings adjustments
- Capture photos, record videos
- Image stitching
- Extended depth of field fusion
- Image processing, video playback
- Voice commands

ALTRA PathoPix 4K camera shown on an EXC-360 microscope (sold separately)



USB 3.0, HDMI, and LAN ports allow for multi-use connectivity



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CAMERA & SOFTWARE SPECIFICATIONS

Model	AV-PATHOPIX-4K
Sensor	Sony IMX585, CMOS, color
Sensor Size	1/1.2" (13.33mm diagonal); 0.65x C-mount adapter or higher recommended
Resolution	8MP; 3840 (H) x 2160 (V)
Pixel Size	2.9µm x 2.9µm
Frame Rate	HDMI: 60fps @ 3840x2160 USB 3.0: 30fps @ 3840 x 2160 LAN: 30fps @ 3840 x 2160 5G WiFi: 30fps @ 3840 x 2160
Image Capture	8MP JPEG/TIFF to USB/SD storage device 8MP (4K) MP4 to USB/SD storage device
Exposure Time	0.048ms ~ 1000ms
Data Interface	USB3.0: USB storage, 5G WiFi module, USB microphone USB (white): USB mouse USB Video: USB to PC HDMI: monitor LAN: Ethernet to PC SD: SD card slot (SD card not included) WiFi: mobile device
PC and Mac Imaging Software	ALTRAvue for Windows ALTRAvue LITE for MacOS and Windows Live/still image measurement and annotation; scale bar, flat field correction; extended depth of field (focus stacking); image stitching; advanced image processing Image Types: BMP, JPG, PNG, TIF, GIF, PSD, TFT, etc. Video Types: WMV, ASF, AVI TWAIN driver available
System Software Compatibility	Windows 7, 8, 10 & 11 (64-bit recommended) Mac OSX 10.4 and higher System Recommendations: Intel i5 or better (Quad Core or better); 16GB RAM or more; USB 2.0 high-speed port minimum (USB 3.0 recommended)
System Requirements for WiFi App	AccuView (available from Google Play and Apple App Store) Requires Android 5.0 or higher, or iOS 11.0 or higher; 3GB RAM or more; 8GB storage space or more



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