

PathCamHR™

Digital, AF/AE single-lens reflex camera, equipped with a 24 Megapixel CMOS image sensor and the DIGIC 4+ Image Processor for highly detailed, vibrant photos and videos, even in low light. Image resolution ideal for on-screen display or high quality print publication.



SPECIFICATIONS

Standard Features

- Image Sensor: 24 MP CMOS
- Live Video Feed: 640 x 480 pixels
- Captures 0.1-60 MB PNG files and full HD 340 MB/min MOV files
- Video: 1920 x 1080 (full HD): 30 fps
- Optical/digital magnification 10x/15x
- 10 image resolution settings: ≥ 6000 x 4000 pixels
- Auto focus, auto white balance, and auto exposure
- Auto crop: manage file size

Dimensions

- 4.0" W x 3.1" H x 5.1" D (10.1 cm x 7.8 cm x 12.9 cm)
- 1.05 lbs (0.47 kg)

Utilities/Power

- 12V DC (7V to 15VDC)
- Working temperature: 32-104°F (0-40°C)

Field of View

- Lens focal length: 18-55 mm
- AF: auto focus, one-touch focus
- Max FOV: 45" x 32" (114.3 cm x 81.3 cm) @ 3' (91.4 cm) zoomed out to 55 mm
- Min FOV: 15" x 10" (38.1 cm x 25.4 cm) @ 3' (91.4 cm) zoomed out to 18 mm
- Camera mounted in grossing station hood 36" from cutting surface or attached to an articulating arm
- Minimum distance from specimen: 5" (12.7 cm)

Advanced Annotation

- Measures distance and area in images in cm, mm, or inches
- Key-word finder and personal dictionary text tools
- Select and replace background
- Rotate selection 360°
- Add customizable grid

- Add time/date stamp in footer
- Enter barcode information to header

Compatibility

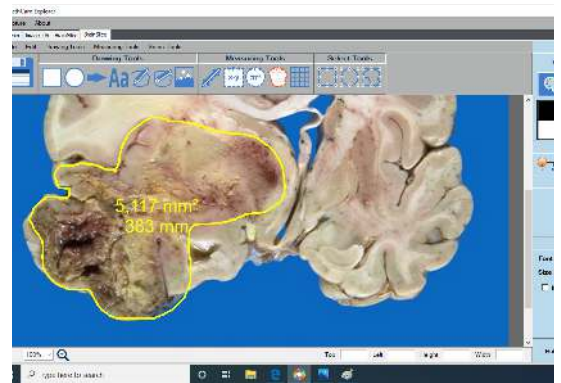
- Windows 10 open architecture
- Import images and video directly to TWAIN compatible LIS or network folder
- Dragon voice-to-text software
- Third party video conference, video editing, draw or paint software
- Insert files (TIFF/PNG/JPG/BMP)
- Copy and paste into PC's clipboard to paste into any third party software



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 800.362.8491
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PathCamHD™

Unmatched versatility. Presenting 3GSDI and HDMI simultaneous outputs, remote adjustable optical zoom range, and stereo audio embedding ability, PathCam HD delivers crystal clear HD images up to 1920 x 1080p with ultra-low light ability and industry leading low noise performance.



SPECIFICATIONS

Standard Features

- Image Sensor: 2.1 MP CMOS
- Live Video Feed: 1920 x 1080 pixels
- Add customizable grid on live feed
- Captures 0.2-4.5 MB PNG files and full HD 14.6-202 MB/min AVI files
- Video: 1920 x 1080 (full HD): 60 fps
- Optical/digital magnification 10x/12x
- Video settings: 9 ≤ 1920 x 1080 pixels
- Auto focus, auto white balance, and auto exposure
- VISCA compliant
- Simultaneous outputs: 3 GSDI/HDMI

Dimensions

- 2.2" W x 2.2" H x 4.1" D (5.6 cm x 5.6 cm x 10.5 cm)
- 0.8 lbs (0.36 kg)

Utilities/Power

- 12V DC (7V to 15VDC)
- Consumption: Max 4.5 W

- Working temperature: 32-104°F (0-40°C)

Field of View

- Lens focal length: 4.7 - 47 mm
- AF: auto focus
- Max FOV: 11.3" x 8" (3.4 m x 2.4 m) @ 9' (2.7 m)
- Min FOV: 7.5" x 5.3" (19.1 cm x 13.5 cm) @ 6' (1.52 cm)
- Camera mounted in grossing station hood 36" from cutting surface or attached to an articulating arm
- Minimum distance from specimen: 5" (12.7 cm)

Advanced Annotation

- Measures distance and area in images in cm, mm, or inches
- Key-word finder and personal dictionary text tools
- Select and replace background
- Rotate selection 360°

- Add customizable grid
- Add time/date stamp in footer
- Enter barcode information to header

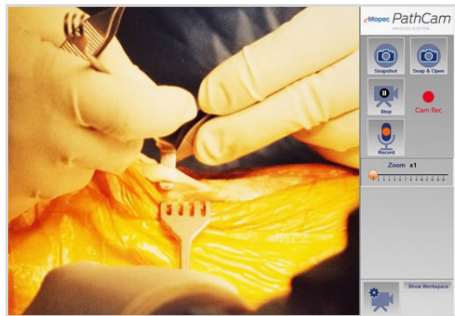
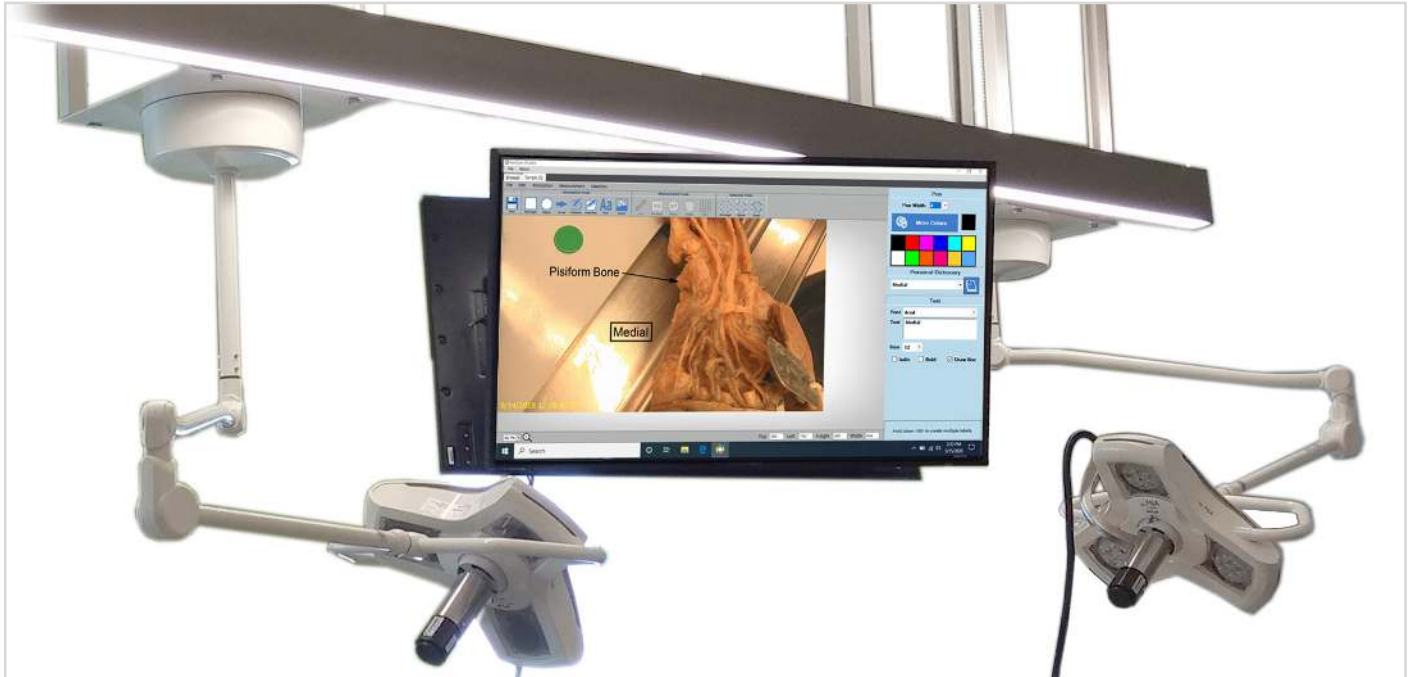
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PathCam™ Imaging System Unique Attributes



High Definition Video & Image Capture Combined In One

The PathCam HD camera allows for a continuous live stream of video content for video conferencing, video recording, or image “snapshot” capture. Its HD quality footage, 10X optical zoom and auto focus combined with simple intuitive software controls, guarantees foolproof results for the amateur user.

SMART MEASURE calibrates measurements from non-fixed distances

PathCam Imaging System with its proprietary camera to software programming is the first of its kind with the capacity to measure distances and area in images taken by a non-fixed camera.

Open Architecture Design Provides Unparalleled Compatibility

The PathCam Imaging System combines robust and easy-to-use software and hardware that works within the standard user experience of Windows 10 and delivers non-proprietary universal file formats for unlimited use in third party software. The open architecture design allows for copy and paste functionality within a drag and drop file management browser system that integrates seamlessly with any University or Hospital credential access network server for storage of its content. The PathCam Imaging System is VISCA compliant and is compatible with all multi-camera video streaming, monitor switching software. Ideal for the laboratory classroom experience where

multiple cameras are networked within one classroom or to remote locations. stand-alone PathCam software licenses are available to students at discounted rates for viewing curriculum content and annotation.

Camera Mounted with Patent Pending Quick-Release Handle

The camera can be attached to a limitless rotation dissection light or directly to an articulating arm that then can be mounted to a ceiling, wall, floor stand, or portable cart. All mounting options can be customized to suit any environment. Our unique patent pending quick-release handle allows for on-the-fly operation to capture critical live moments from any angle.