PAXcam™

From the Makers of PAX-it! ™

Digital Imaging Workflow for Pathology

The PAXcam Digital USB 2.0 Camera System

- Affordable camera for microscopy, with an easy-to-use interface
- Beautiful, high-resolution images; true color rendition
- Fully integrated package with camera and software
- USB 2.0 interface for the fastest live digital color preview on the market
- Easy-to-use interface for color balance, exposure & contrast control, including focus indicator tool
- Adjustable capture resolution settings (true optical resolution - no interpolation)
- Auto exposure, auto white balance and manual color adjustment are supported
- Acquire images directly into the PAX-it archive for easy workflow
- Easy one-cable connection to computer; can also be used on a laptop
- Adjustable region of interest means smaller file sizes when capturing images
- Stored presets may be used to save all camera settings for repeat conditions

Capture Images Directly to PAX-it Image Database Software

Live preview up to 40 fps

PAX-it!

- File & retrieve images in easy-to-use cabinet/folder structure
- Store images, video clips, documents, and other standard digital file types
- Images and other files are in a searchable database that you design!
- Annotate images with circles, arrows, text; add a calibrated scale bar
- Add written notes & dictated messages to images
- Link to MS PowerPoint™ and MS-Word™ for easy construction of presentations and reports
- Link to email service for sending images, notes, & data as attachments
- Additional modules for image processing, network sharing, web-sharing, image analysis, tutorial production, extended security, CD/DVD archiving, telepathology; 21 CFR Part 11 compliance

Special Package Pricing
PAXcam USB 2.0 Digital Camera System includes:

- PAX-it Image Database Software / interface
- USB 2.0 digital camera, card and cable
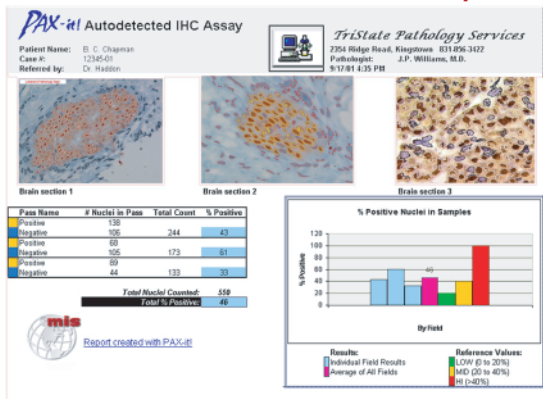- Free tech support & software updates for one year

PAXcamEDU (1280 x 1024)

PAXcam2 (1600 x 1200)

PAXcam3 (2048 x 1536)

**PAXcamARC
(Adjustable Resolution to 5120 x 4096)**

www.paxcam.com

PAX-it!™
Shared Image Archive

Autopsy · Gross · Microscopy · Clinical · Radiology

Tumor Boards · Reports · Analysis · Reference · Instruction · Consultation

Created using PAX-it's report generator feature and optional Image Analysis module

The PAXcam system also includes:

Organizational Tools: from simple cabinet/folder interface to a customizable & searchable database

Email: link to your email service to send images & data as attachments

Overlays: annotate and edit images with text, shapes, arrows and calibrated scale bar; overlays can be placed on multiple captured images as templates

Reporting: create powerful, customizable presentations and written reports via link to MS Office™ programs

Links: to other ODBC databases, including A/P systems
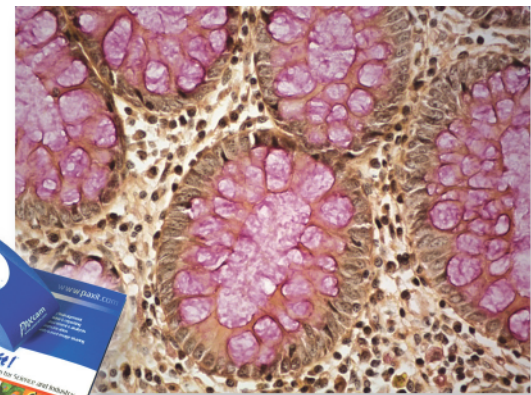
PAXcam Minimum System Requirements:
P2 - 400Mhz, Win 2000, Win XP. Must have PCI slot or USB 2.0 port available. For best performance, a 0.5x c-mount coupler is recommended.

PAXcam supports consultation, communication, and analysis functions by seamlessly integrating with PAX-it's optional modules:

Image Processing: Image stitching (mosaics), image fusion (multiple focal planes), overlays of templates and images on live preview, and much more.

Network Licenses: share images, reports, presentations, and more with a PAX-it site license

Extended Security: Assign detailed priviledges, verify image and document integrity, track activity through audit trails, tools for 21 CFR Part 11 compliance.

CD/DVD Archiving: back up, burn partial or entire PAX-it collection to CD or DVD, store images off-line while leaving database information and thumbnails online.

PAXnet: web-based asset sharing over intranet or internet, including messageboard for discussing cases; no additional software required at remote sites.

Basic Measurement: point-to-point, fixed area, parallel line, ellipse, angle measurements and grid overlays. Easy to calibrate and use.

Image Analysis: autodetect objects by color or by density, with counting, sizing, and area fractions of found objects; store & retrieve user-defined analyses

Teaching Module: create auto-tutorial training and testing sessions using images, video clips, etc.

MIS

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