

PAXcam™

From the Makers of PAX-it!™

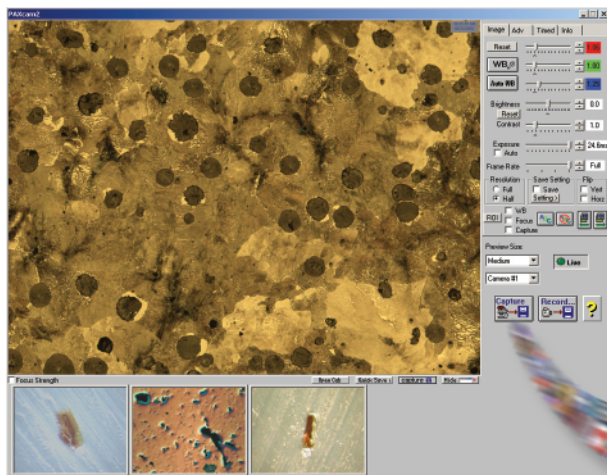
Digital Imaging Workflow for Industrial Applications

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
- Create and apply templates and transparencies over the live image
- 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
- PAXcam interface can control multiple cameras from the same computer
- Stored presets may be used to save all camera settings for repeat conditions

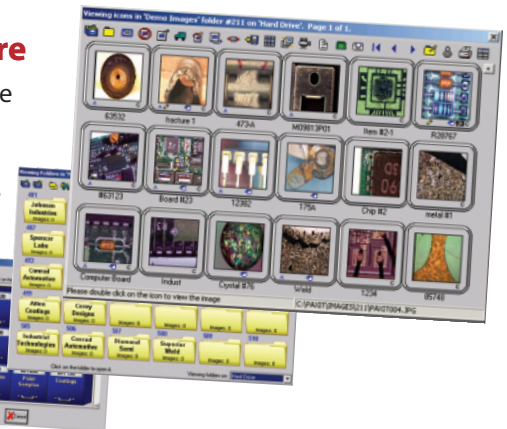
Capture Images Directly to PAX-it Image Database Software



Live preview up to 40 fps

Includes PAXcam Video Agent for motion video capture

- Time lapse image capture
- Combine still images to create movie files
- Extract individual frames of video clips as bitmap images



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
- Automatically stitch overlapping adjacent images together (mosaic)
- Add written notes & dictated messages to images
- Link to MS Word™ and Excel™ for easy report generation
- Link to MS PowerPoint™ for easy construction of presentations
- Link to email service for sending images, notes, & data as attachments
- Additional modules for measurement, image analysis, network sharing, web-sharing, tutorial production, CD/DVD Archiving, Extended Security

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

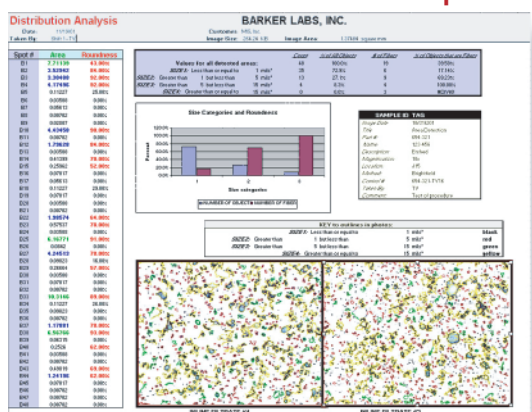
PAXcamEDU (1280 x 1024)

PAXcam2 (1600 x 1200)

PAXcam3 (2048 x 1536)

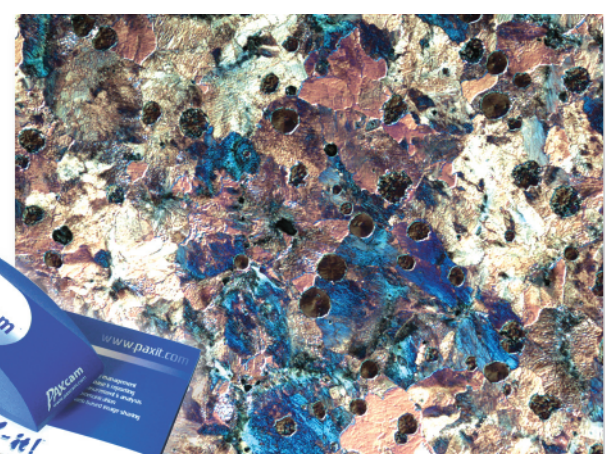
**PAXcamARC
(Adjustable Resolution to 5120 x 4096)**

www.paxcam.com



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

Reports
Failure Analysis
Inspection
Quality Control
Documentation



The PAXcam system also includes:

- Email:** link to your email service to send images & data as attachments
- Videtext Overlays:** annotate and edit images with text, shapes, arrows and calibrated scale bar; overlays can be placed on the live preview image for alignment and comparison
- Reporting:** create powerful, customizable presentations and written reports via link to MS Office™ programs
- Image Stitching:** automatically stitch overlapping adjacent images into one mosaic image
- Image Fusion:** fuse multiple images at different focal planes into one focused image, solving problematic depth-of-field issues

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 seamlessly integrates with PAX-it's optional modules:

- Networking:** share images, reports, presentations and more with a PAX-it site license
- Web:** PAXnet web-based asset sharing over intranet or internet; no additional software required at remote sites
- Basic Measurement:** manual point-to-point, fixed area, parallel line, ellipse arc, and angle measurements. Easy to calibrate.
- Image Analysis:** user-defined area fractioning, porosity, nodularity, grainsizing, plating thickness, flake size classification, ferrite/pearlite, color and grayscale thresholding
- CD/DVD Creator:** back up, burn partial or entire PAX-it collection to CD or DVD, store images off-line while leaving database information and thumbnails on-line.
- Extended Security:** increased user/group permission controls, electronic image signature and validation, and logging of audit trails in a network environment

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