

The Future of Pathology is in Your Microscope



Augmentiqs enables pathologists to obtain the most accurate pathology data in an efficient and cost-effective way.

— Abraham Nyska, DVM

Augmentiqs

SEE THE SMART PATH

Digital Pathology in Your Microscope

Augmentiqs connects your microscope & PC, enabling digital functionality from within your existing microscope.

Real-Time Telepathology

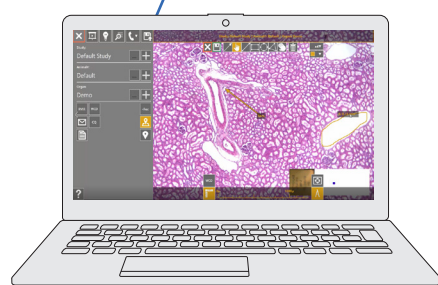
Trusted by hospitals and CROs for frozen sections & online peer-review, Augmentiqs enables real-time sharing of the microscope. Without the need for scanning, an unlimited number of remote viewers can instantly collaborate, annotate and save images.

- Unlimited number of remote participants
- Multi-directional annotations
- All viewers can save images
- Full pixel image for remote viewers, regardless of Internet speed

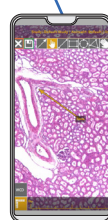
Virtual Multi-Headed Scope

Augmentiqs is ideal for frozen sections, second opinions, online peer review, virtual tumor boards, education and more.

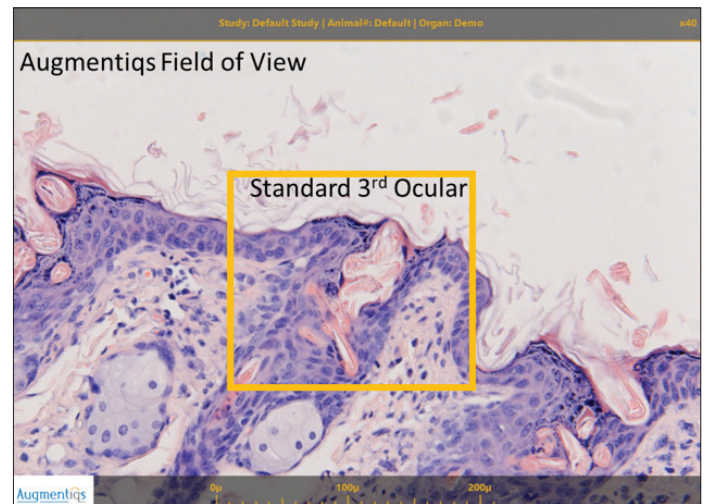
Your Existing Microscope with Augmentiqs



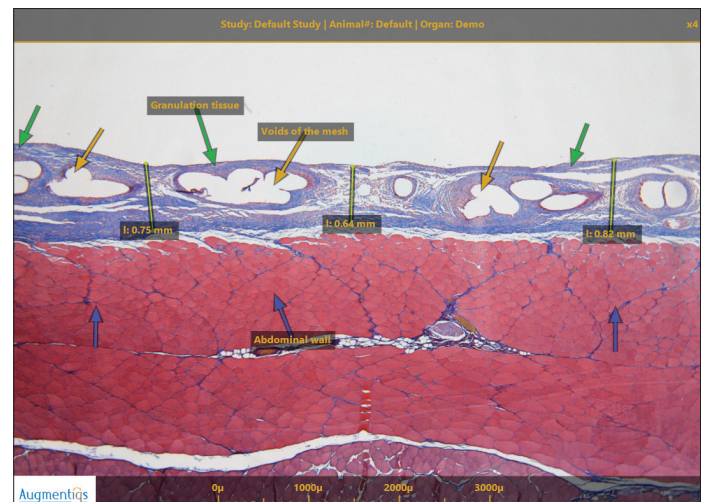
Remote Viewer Application



Mobile Viewer



Enhanced Field of View



Annotation and Morphometrics

Camera

A high-resolution camera with a field of view that's nearly identical to the microscope eyepiece. Without scanning or C-mounts, pathologists can instantly annotate, save and share images as TIFF or PNG files.

Augmentiqs could act as the ideal solution for real-time peer review and pathology working group applications.

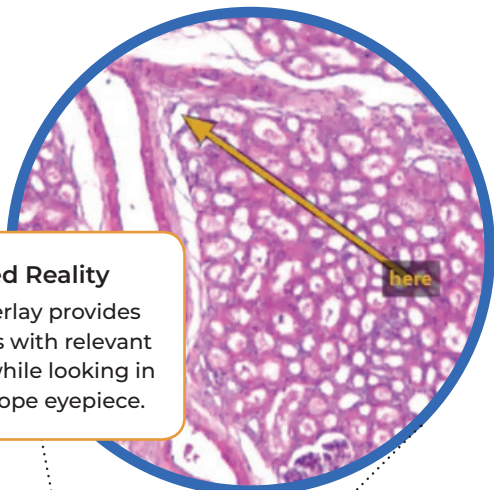
— Robert Maronpot
Former Chief of Experimental Pathology of NIEHS/NIH

Stage Tracking Camera

Augmentiqs tracks and digitizes microscope stage activity including current objective, slide label and XY slide positioning.

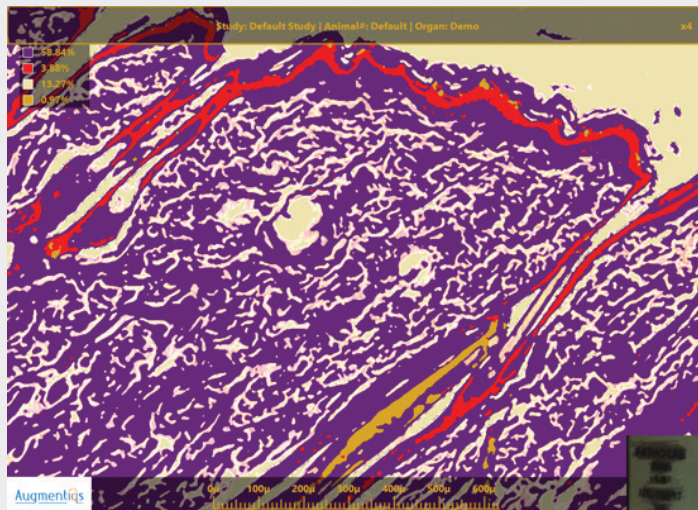
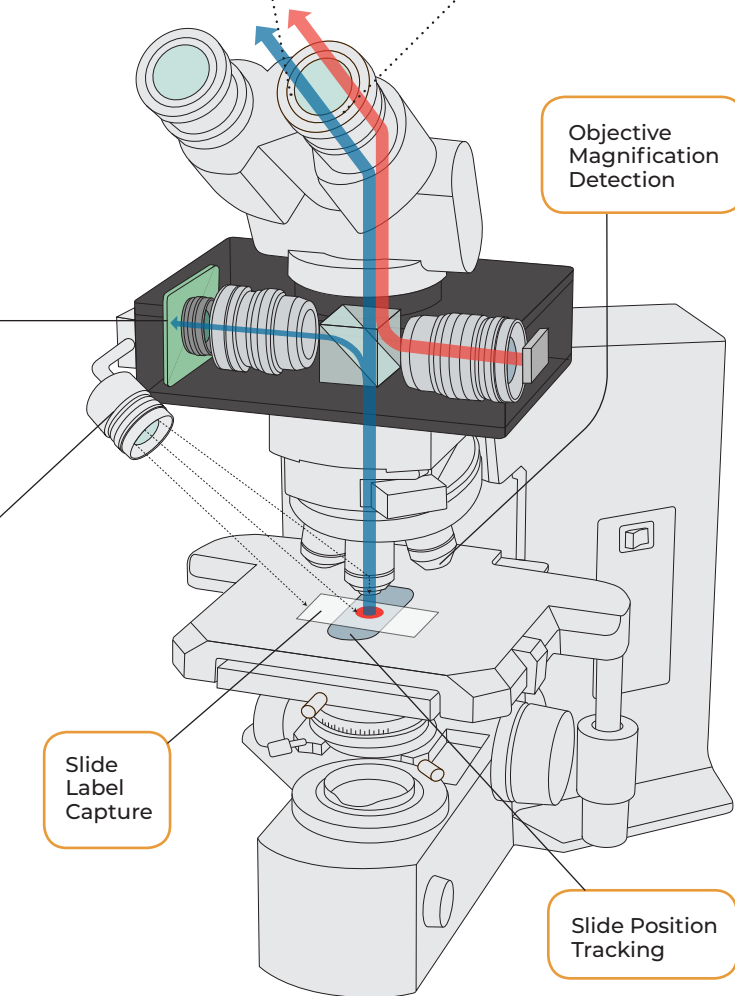
Choose Your Application

- LIS Integration
- Computer-Aided Diagnostics
- Telepathology
- Research
- AI Training
- Open API for Any Pathology Software

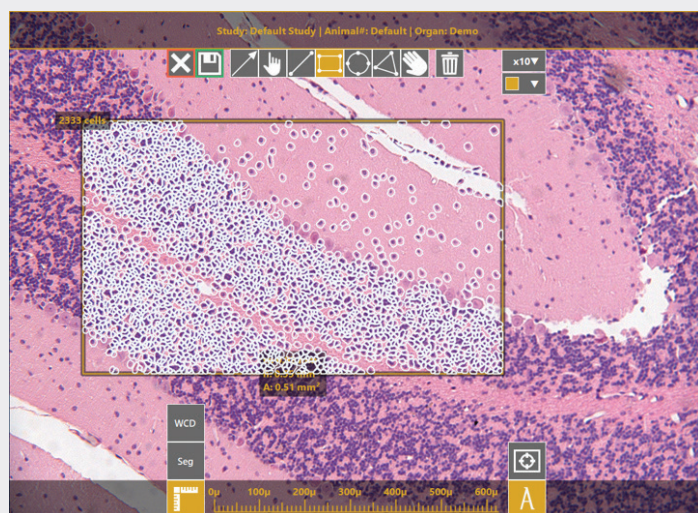


Augmented Reality

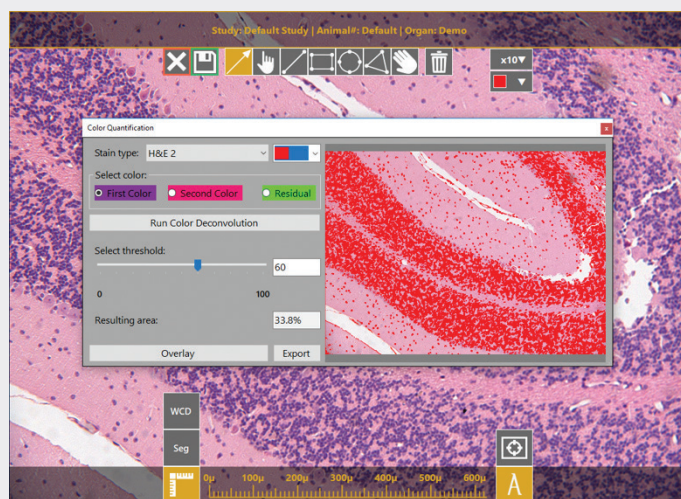
A digital overlay provides pathologists with relevant case data, while looking in the microscope eyepiece.



Color segmentation tool — AIRA Matrix



Nuclei Counting – QuPath



Color Deconvolution - ImageJ

Augmentiqs enables pathology labs to reduce costs and enhance clinical excellence.

Augmentiqs.

Digital Pathology in Your Microscope

HW/SW Platform	3rd Party Applications	Deploys 3rd party software applications directly from platform
	Digital Laboratory	Multi-directional integration and image sharing with LIS, inter-lab collaboration
	Augmented Reality (HUD)	Digital overlay of computer-assisted diagnostics and case information
	Stage Information	Tracks and detects current objective, slide label and XY slide position
	Automated Settings	Self-calibration of white balance and morphometrics per objective
System Integration	Field of View	Enlarged FOV — comparable to eyepiece
	Fits Microscope	Seamless fit below eyepiece without C-mount or trinocular head
	Real-Time Imaging	Always available minimal use of light
Telepathology	Image Quality	Full-pixel image (lossless compression), for any Internet speed
	Multi-Directional	Unlimited viewers, all may annotate and save images
	Comparable View	Real-time, full field of view for everyone
	Instant Consults	1-click SMS and/or email image share
	Integrated Support	HW & SW technical support for user and viewers
Camera Specifications	Size:	20mp
	File Type:	TIFF, PNG, JPG
	Frame Rate:	Up to 30 (application dependent)

Product Specifications

Dimensions: 250 - 135 - 55 mm³
 Weight: Up to 8 Lbs., 3.5 kg
 Electric Input: 100 - 240 VAC, 50/60 Hz, 0.6 - 0.3A

Recommended System Requirements

PC Windows 7 or higher, 64-bit
 i7-6770HQ or more (4 cores, 8 threads)
 RAM 8GB, HDD 100GB
 Ports: USB3, USB2, HDMI

Microscope Compatibility

Infinity-corrected light microscopes

Patent Pending Technology

The beauty of the system is that it fits inside your existing microscope.

— ARUP Labs

Augmentiqs
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To learn more about Augmentiqs, visit us at: www.augmentiqs.com

For sales & product inquiries: sales@augmentiqs.com

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