

APERIO LV1 IVD

REAL-TIME DIGITAL PATHOLOGY SYSTEM

BROCHURE

REMOTE LIVE VIEW FOR FROZEN SECTION CONSULTATION



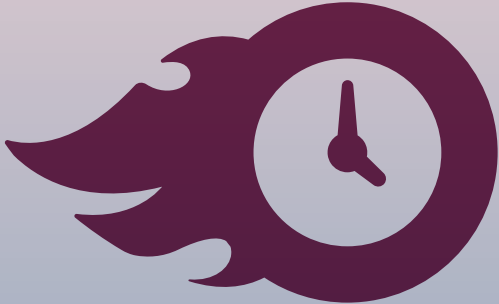
The clinical use claims described for the products in the information supplied have not been cleared or approved by the U.S. FDA or are not available in the United States.

In Vitro Diagnostic Use for Canada Only

Advancing Cancer Diagnostics
Improving Lives

Leica
BIO SYSTEMS

RAPID, REMOTE SLIDE VIEWING FOR INTRAOPERATIVE FROZEN SECTION CONSULTS

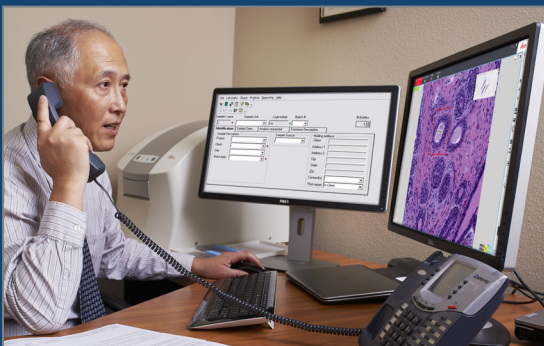
VIEW SLIDES REMOTELY IN
15 
SECONDS OR LESS*

*Requires at least a 50 megabit per second (mbps) internet connection using Team Viewer software (v13) and Aperio LVI IVD console software (v5.0) with one slide loaded in the slide tray. 15 second clock starts once the Team Viewer password is entered and "Log On" is selected.

Aperio LVI IVD is the compact, economic solution for your diagnostic needs. Remote slides are made available for live view in under 15 seconds*, invaluable for time-dependent applications such as intraoperative consultation. It doubles as a small-footprint digital pathology scanner, enabling rapid scanning of frozen section or permanent H&E slides, for diagnostic review and archiving. Aperio LVI IVD delivers a cost-effective solution for on screen diagnosis, helping you to get results faster for your patients.

The Aperio LV1 IVD runs on the Microsoft Windows 10 operating system.

Key Applications



Intraoperative Consultation: Rapidly review frozen section slides without traveling to the surgical site.



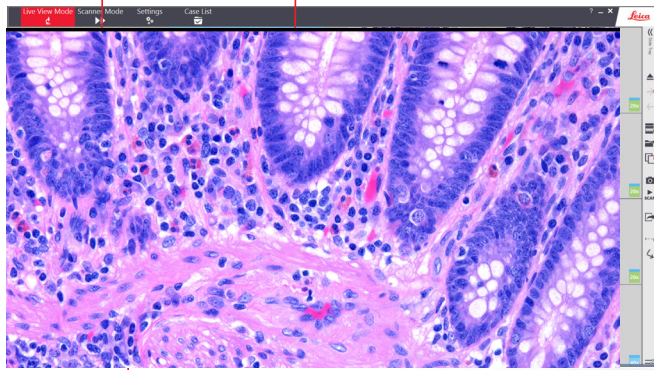
Diagnosis: Review and interpret H&E slides on-screen from your laboratory or office.



Remote Access: Share slides live in real time.

Up to 16 simultaneous live views to compare same or different slides

Change magnification



Remotely navigate in x, y or z planes

Switch between or add slides

Clone views
Take snapshots

Add annotations or notes

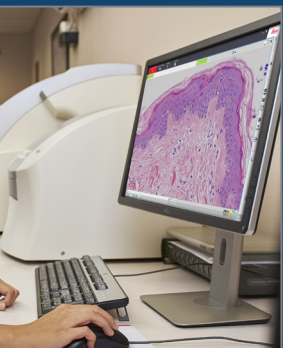
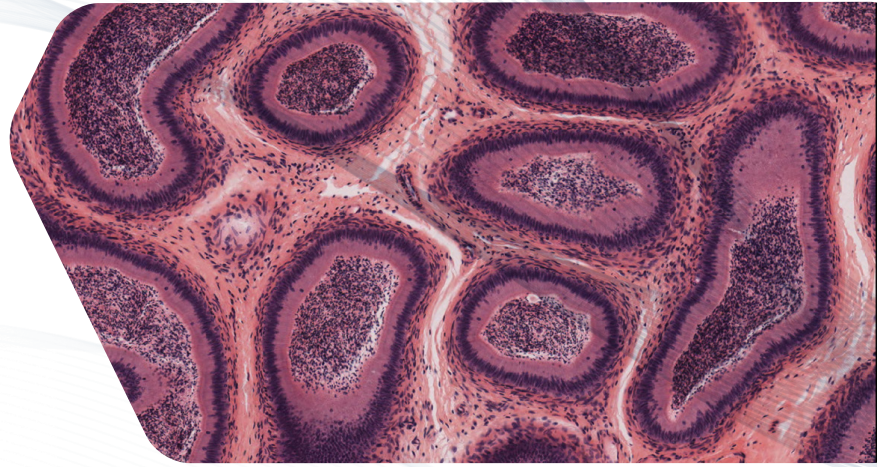
Real Time Live View

- » Remote access to slides in 15 seconds
- » Ideal for intraoperative consultation & other time-sensitive uses
- » Provide answers for your patients fast
- » Accurate fine control – just like a microscope
- » View slides at up to 63x* magnification
- » Switch easily to scanner mode for archiving

Rapid Intraoperative Consultation

- » Frozen Section preparation can challenge digital pathology scanners. Aperio LVI IVD Live View lets you fine focus on the tissue, just like you would with a microscope, so you get the best view of every slide.

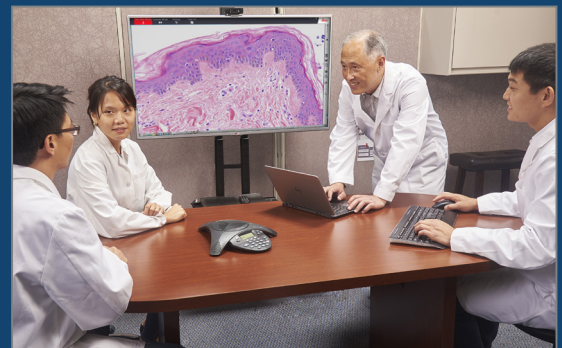
*63x Digital Zoom Only



Control slides



Archiving: Scan, capture, and archive a permanent copy of your slides in minutes.



Education: Facilitate interactive teaching with live view and scanned slides.

APERIO LV1 IVD

Objective Lens:
1.25x, 5x, 20x, & 40x
EC Plan-Neofluar

Live view:
View slides in 15
seconds or less

Resolution:
Live view and
scanned images:
5x: 1.08 $\mu\text{m}/\text{pixel}$
10x: 0.54 $\mu\text{m}/\text{pixel}$
20x: 0.27 $\mu\text{m}/\text{pixel}$
40x: 0.138 $\mu\text{m}/\text{pixel}$

White light LED
Köhler illumination

Dimensions (HxWxD):
440mm x 42mm x 540mm
(approx. 17.9" x 15.9" x 21.3")
Weight: 61.7lbs (28kg)

Scan speed
90 sec/slide, 15 x 15 mm, at 0.27 $\mu\text{m}/\text{pixel}$ (20x) and
180 sec/slide, 15x15 mm, at 0.138 $\mu\text{m}/\text{pixel}$ (40x)

1 and 2D barcode
recognition

4 slide capacity

Low profile workstation
with minimum 2 TB
storage capacity

LEICA BIOSYSTEMS IS AN INTERNATIONAL COMPANY WITH A STRONG NETWORK OF WORLDWIDE CUSTOMER SERVICES
For detailed contact information on your nearest sales office or distributor please visit our website: LeicaBiosystems.com

In Vitro Diagnostic Use for Canada Only



Copyright © 2024 Leica Biosystems, a division of Leica Microsystems Inc. All Rights Reserved. LEICA and the Leica logo are registered trademarks of Leica Microsystems IR GmbH. Aperio is a trademark of the Leica Biosystems group of companies in the USA and optionally in other countries. Other logos, product and/or company names might be trademarks of their respective owners.

Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit LeicaBiosystems.com for more information.