

Aperio LV1

Real-time, Live View Digital Pathology System

Remote-controlled
live view



For Research Use Only. Not For Use In Diagnostic Procedures.



Real-time, live view digital pathology

The Aperio LV1 is a compact, economic solution for users looking to adopt Digital Pathology. The small footprint, compact design and fast real-time performance makes the Aperio LV1 an ideal remote live view solution. With minimal IT requirements and rapid implementation, the Aperio LV1 can be installed in minutes. Remote live view of glass slides in 15 seconds or less, plus the added benefit of high-resolution whole slide scanning, brings affordable versatility to your laboratory, helping you deliver results faster.



*Requires at least a 50 megabit per second (mbps) internet connection using Team Viewer software (v12) and Aperio LV1 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.

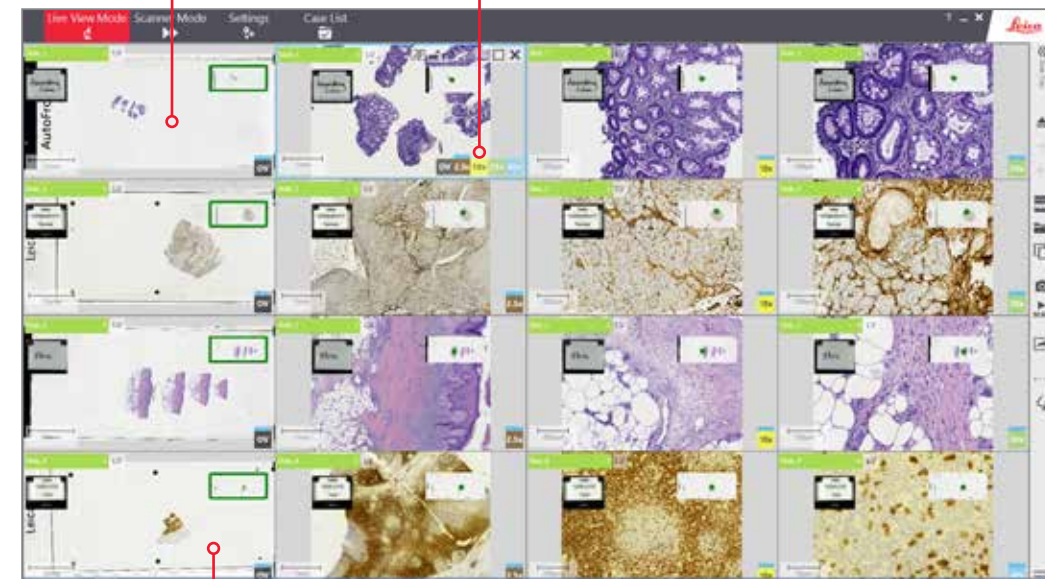
VIEW SLIDES REMOTELY IN

15 

SECONDS OR LESS*

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

Aperio LV1

- » Secure remote access to slides in 15 seconds or less
- » Control slide movement in x, y or z planes
- » Remotely change magnification and switch between slides
- » Intuitive interface for ease-of-use
- » Up to 16 simultaneous live views for multiple regions of the same slide
- » View slides simultaneously at 2.5x, 5x, 10x, 20x, 40x and 63x
- » Low-throughput whole slide imaging
- » Integrated with Aperio eSlide Manager and Aperio ImageScope

Key Research Applications



Education: Live teaching sessions with up to 16 different simultaneous slide views.



Telepathology: Easily load slides and begin a live sharing session.



Remote Access: Remote sharing, focus & navigation control of live slide images.



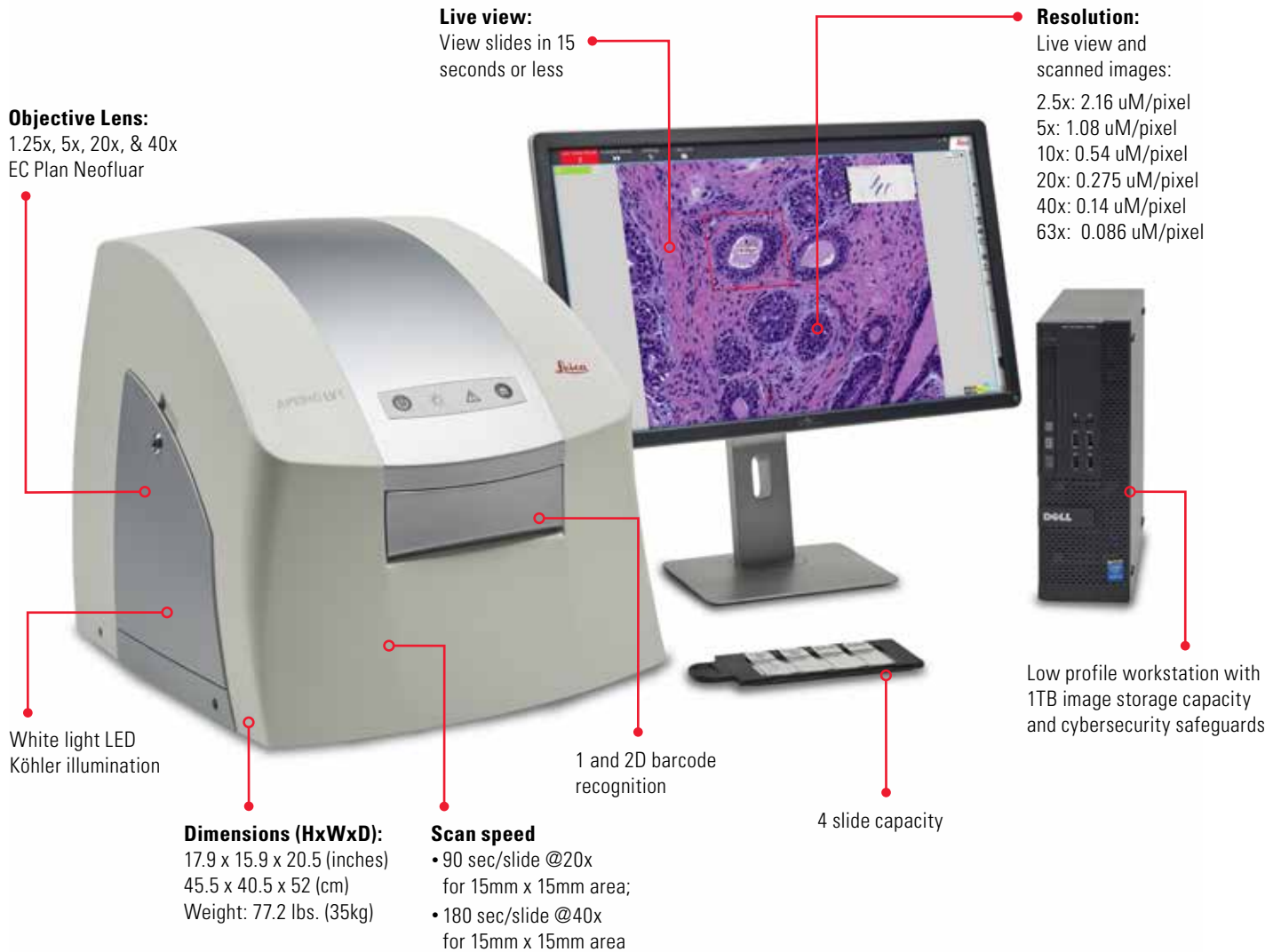
Research: Investigate biomarkers, tissue morphology, cell inflammation and more.



Archive: Scan and store a permanent digital copy of your slides in minutes.

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

White light LED Köhler illumination

Dimensions (HxWxD):
17.9 x 15.9 x 20.5 (inches)
45.5 x 40.5 x 52 (cm)
Weight: 77.2 lbs. (35kg)

Live view:
View slides in 15 seconds or less

Resolution:
Live view and scanned images:
2.5x: 2.16 $\mu\text{M}/\text{pixel}$
5x: 1.08 $\mu\text{M}/\text{pixel}$
10x: 0.54 $\mu\text{M}/\text{pixel}$
20x: 0.275 $\mu\text{M}/\text{pixel}$
40x: 0.14 $\mu\text{M}/\text{pixel}$
63x: 0.086 $\mu\text{M}/\text{pixel}$

1 and 2D barcode recognition

4 slide capacity

Low profile workstation with 1TB image storage capacity and cybersecurity safeguards

Scan speed

- 90 sec/slide @20x for 15mm x 15mm area;
- 180 sec/slide @40x for 15mm x 15mm area

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