

The Pathology Company

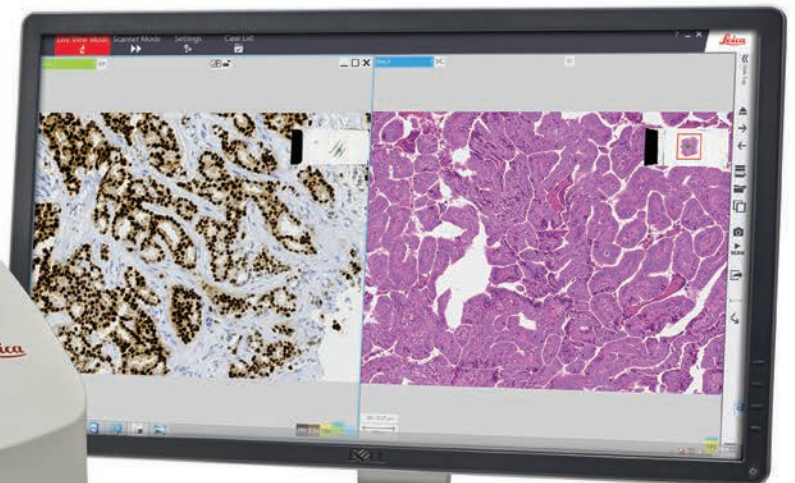
*Leica*

BIO SYSTEMS

# Aperio LV1

## Integrated Live View and Desktop Scanner

Remote-controlled  
live view



Whole slide  
desktop scanner



**Aperio**  
ePathology Solutions

Capture



Integrate



Analyze

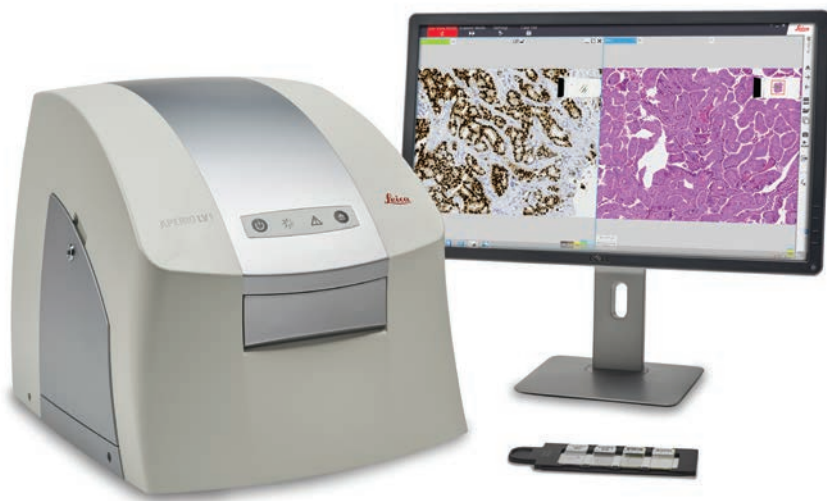


Collaborate



# Remote live view + desktop whole slide scanning in one system

The Aperio LV1 is a compact, economic solution for users looking to adopt Digital Pathology. The small footprint and compact design makes the Aperio LV1 an ideal desktop scanner. With minimal IT requirements and rapid implementation, your Aperio LV1 can be installed in minutes. High-resolution, whole slide scanning, plus the added ability for remote live view of slides, ensures the Aperio LV1 delivers affordable versatility for your laboratory; helping you to deliver results faster.



VIEW SLIDES REMOTELY IN

15 

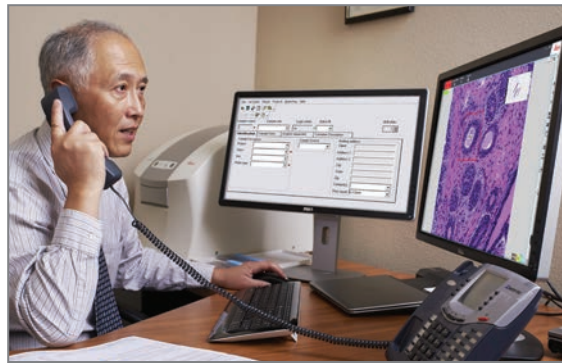
SECONDS OR LESS\*

\*Requires at least a 50 megabit per second (mbps) internet connection using Team Viewer software (v10) and Aperio LV1 console software (v4.0) with one slide loaded in the slide tray. 15 second clock starts once the Team Viewer password is entered and "Log On" is selected.

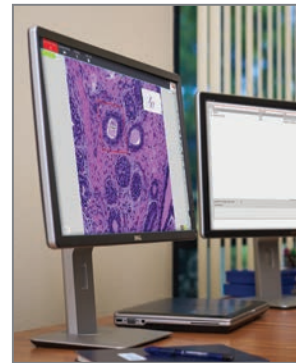
## Key Applications



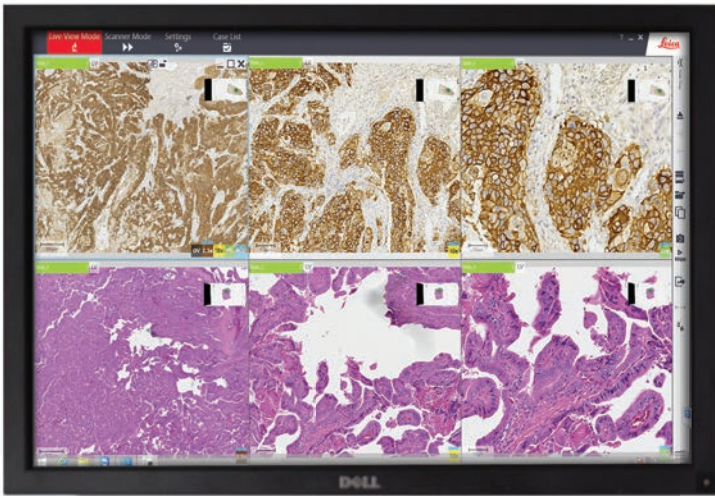
**Education:** Live teaching sessions with up to 16 different simultaneous slide views.



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



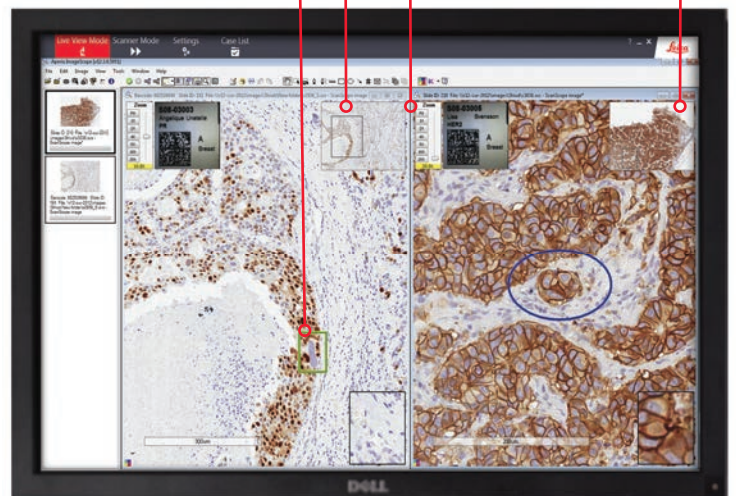
**Remote Access:** Remote navigation control of live



## Live View Mode Live View Mode

- » Remote access to slides in 15 seconds or less
- » Easily select a live slide region to scan
- » View 4 slides simultaneously at 2.5x, 10x, 20x or 40x
- » Control slide movement and magnification remotely
- » Intuitive interface for ease-of-use
- » Up to 16 simultaneous live views for multiple regions of the same slide

- Easy to annotate areas of interest
- Quickly zoom in or out
- Split screen for multiple image viewing
- View slide label



View images in Apero ImageScope

## Scanner Mode Scanner Mode

- » Compact & economic desktop scanner
- » 4 slide capacity with barcode support
- » Scan & view at 2.5x, 10x, 20x or 40x\*
- » Integrated with Aperio eSlide Manager
- » Easily scan up to 5 z-stack layers
- » Intuitive design and 1-touch scanning



ote sharing, focus & e slide images.



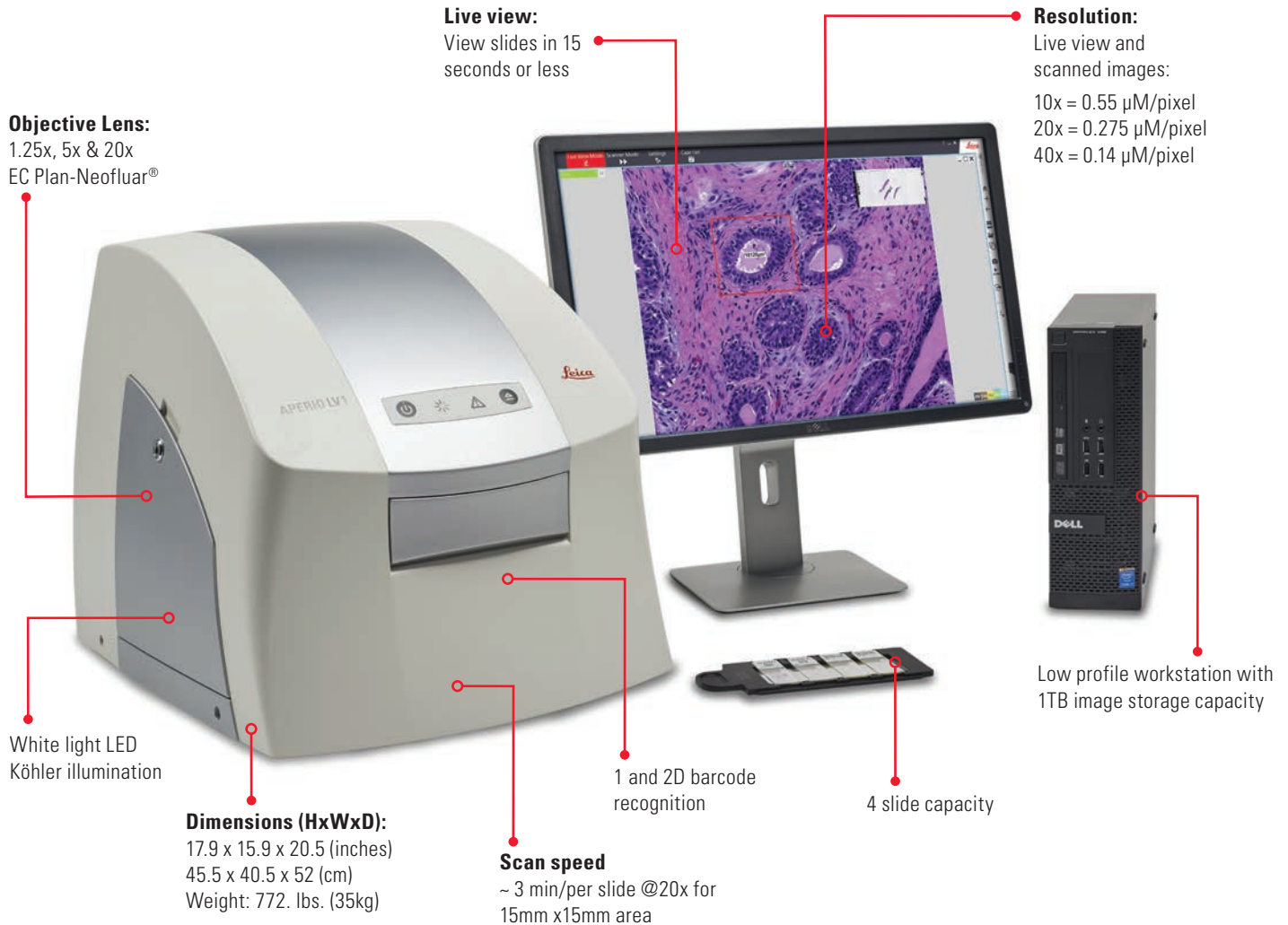
**Research:** Investigate biomarkers, tissue morphology, cell inflammation and more.



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

\*40x digital zoom for viewing only

# Aperio LV1



**Objective Lens:**  
1.25x, 5x & 20x  
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: 772. lbs. (35kg)

**Live view:**  
View slides in 15 seconds or less

**Resolution:**  
Live view and scanned images:  
10x = 0.55 µM/pixel  
20x = 0.275 µM/pixel  
40x = 0.14 µM/pixel

**Scan speed**  
~ 3 min/per slide @20x for 15mm x15mm area

**1 and 2D barcode recognition**

**4 slide capacity**

**Low profile workstation with 1TB image storage capacity**

## LEICA BIOSYSTEMS

Leica Biosystems is a global leader in workflow solutions and automation, striving to advance cancer diagnostics to improve patients' lives. Leica Biosystems provides anatomic pathology laboratories and researchers a comprehensive product range for each step in the pathology process, from sample preparation and staining to imaging and reporting. Leica's easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries and is headquartered in Nussloch, Germany.

Leica Biosystems – 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](http://LeicaBiosystems.com).

## [LeicaBiosystems.com/AperioLV1](http://LeicaBiosystems.com/AperioLV1)

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