INTEGRATED LIVE VIEW AND DESKTOP SCANNER

APERIO LV1 REMOTE LIVE VIEW AND SLIDE SCANNING

Remote-controlled live view

Whole slide desktop scanner

For research use only. Not for use in Diagnostic procedures.
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.

*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.

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

**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 sharing, focus & navigation control of live slide images.

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

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

Live View Mode

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

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

*40x digital zoom for viewing only
**Resolution:**
Live view and scanned images:
- 10x = 0.55 μM/pixel
- 20x = 0.275 μM/pixel
- 40x = 0.14 μM/pixel

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

**Dimensions (HxWxD):**
17.9 x 15.9 x 20.5 (inches)  
45.5 x 40.5 x 52 (cm)

**Weight:** 77.2 lbs. (35kg)

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

**1 and 2D barcode recognition**

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

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.