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.

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.

*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.

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Live view:
View slides in 15 seconds or less

Resolution:
Live view and scanned images:
- 2.5x: 2.16 µM/pixel
- 5x: 1.08 µM/pixel
- 10x: 0.54 µM/pixel
- 20x: 0.275 µM/pixel
- 40x: 0.14 µM/pixel
- 63x: 0.086 µM/pixel

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)

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

1 and 2D barcode recognition

4 slide capacity

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

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