1. WHAT IS NEW IN LIVING IMAGE 4.8.0?

Living Image 4.8.0 serves as an update for Living Image 4.7.4 on all currently supported IVIS instruments. Major features include support for the new Harvard Infusion pump and the optional Nidaq high speed card, as well as a probe-dependent correction for fluorescence uniformity across the field of view. For a full overview of Living Image 4.8.0 improvements and bug fixes, please refer to the Release Notes.

2. SYSTEM REQUIREMENTS

For optimum performance, the Living Image 4.8.0 software requires hardware and software that meet or exceed the following requirements:

**Windows 8/10 64-bit**

- 2GHz Quad Core (i5, i7) processor
- 8GB RAM recommended for IVIS Spectrum CT data analysis

**Mac:**

- MAC OS 10.12 (Sierra) to 10.15 (Catalina)
- 2GHz Core 2 Duo or higher processor recommended
- 4GB RAM or higher recommended for IVIS Spectrum CT data analysis

Note: Support for Mac OS X 10.11 and earlier has been discontinued in Living Image 4.8.0.

MAC OS 11 "Big Sur" and later are not yet fully supported in Living Image 4.8.0.

**3D Multi-Modality tools** require that the graphics processing unit (GPU) meet the minimum specifications shown below. If the appropriate license is not installed or the GPU does not meet these specifications, the 3D Multi-Modality tools will not appear in the tool palette.

- **OpenGL Version Requirement**
  - OpenGL 2.0 and above
- **OpenGL Extension Requirement**
  - GL-EXT-Texture3D
- **Graphics Card Memory:**
  - Recommended: 1GB (Dedicated)
Consumer Graphics Cards (Desktop/ Mobile, Windows/Mac)

Supported:
– NVIDIA® GeForce® 8 Series and above (8, 9, 100, 200, 300 and 400 series)
– ATI Radeon™ HD 4000 Series and above (4000 and 5000 series)
– Intel HD 3000 and above and Intel Iris/Iris Pro Graphics (Mac)

Recommended:
– Desktop - NVIDIA GeForce GT 240 and above
– Mobile - NVIDIA GeForce GT 230M and above

Workstation Graphics Cards (Desktop/ Mobile, Windows/Mac) Supported:

– NVIDIA® Quadro® NVS Series and Above (NVS & FX series)
– ATI FireGL™ V5600 and Above (FireGL, FirePro & CrossFire series)

Recommended:
– Desktop - Quadro FX 1800 and above
– Mobile - Quadro FX 880M and above

*If these specifications are not met, the 3D Multi-Modality tools will not appear in the tool palette.

3. INSTALLATION INSTRUCTIONS
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Living Image 4.8.0 offers different installation packages depending on the computer operating system where Living Image is being installed. Choose from Windows 64-bit and MAC OS options.

3.1. Windows 64-bit version

- Recommended for data acquisition on all IVIS instruments excluding IVIS Spectrum CT
- Recommended for analysis on Windows 10, Windows 8.1 and Windows 7 64-bit operating systems
3.2 MAC OS version

- Recommended for analysis on macOS operating systems. Requires macOS Sierra, High Sierra, Mojave, or Catalina

For complete instructions on Living Image installation please refer to the Living Image 4.8.0 Release Notes and User Manual.

NOTE: make sure license server is whitelisted by your IT Department. Server information is:

Domain name: activation.caliperls.com
IP address: 165.88.8.121
Port: 443

4. GETTING HELP

PerkinElmer, Inc.
800.762.4000 (US) or +1.203.925.4602
Send all feedback/comments and technical support requests to Global.techsupport@perkinelmer.com

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