

System Specifications

Leica Photogrammetry Suite V 8.7

Minimum System Requirements

Computer/Processor	750 MHz minimum, 2 GHz or better recommended. Dual processors will improve performance.
Memory	512 MB minimum, 1 GB recommended
Disk space	Consider a large amount of disk space for large projects and a lot of imagery. SCSI disks are generally faster than IDE.
Operating system	Microsoft Windows XP or Windows 2000
Media reader	CD/DVD ROM drive
Display	Dell 21" P1130 monitor or equivalent
Peripherals	<ul style="list-style-type: none">• For advanced data collection select from the following hand controllers:<ul style="list-style-type: none">○ TopoMouse™○ Immersion 3D Mouse• For 3D stereo viewing, select from the following active or passive stereo viewing hardware:<ul style="list-style-type: none">○ StereoGraphics Monitor Zscreen 2000i○ StereoGraphics CrystalEyes

Note: The LPS Stereo viewer, the IMAGINE GLT™ viewer, and the IMAGINE VirtualGIS® viewer use multiple processors via multithreading to improve viewing and roaming speed.

Graphics Cards

Stereo-enabled graphics cards are needed to view three-dimensional stereo. Note that each card has specific AGP port requirements, and that all cards do not all work in all computers. Verify that the card you select is compatible with your computer.

Graphics cards tested for stereo viewing:

3DLabs Wildcat 4 7110 (recommended)

3DLabs Wildcat III 6110

3DLabs Wildcat II 5110

3DLabs Wildcat VP 970

NVIDIA Quadro 4 750 XGL - *NOTE: Stereo viewing problems due to possible conflict between NVIDIA cards and Rainbow Sentinel parallel port dongles have been reported.*

Graphics cards not tested by Leica Geosystems but reported to work by stereo users:

NVIDIA Quadro FX 1000

3DLabs Oxygen GVX210

3DLabs Oxygen GVX1

Additional Software

- Bentley MicroStation V8.1 if using the PRO600 option for feature collection
- ESRI ArcGIS V8.3 if using the Stereo Analyst® for ArcGIS option for feature collection



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