

Technical Specs: L5 Real-Time Telemicroscopy System

Basic System Information

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|---------------------------------|--|---------|---------|-----------|-------|-------|
| Slide Sizes | 1"x3" (25mmx75mm) | | | | | |
| Number of Slides | 1 or 2 (1"x3") | | | | | |
| Number of Objective Positions | 5 | | | | | |
| Default Objectives | Magnification | 2x | 4x | 10x | 20x | 40x |
| | Numerical Aperture (NA) | 0.06 | 0.1 | 0.25 | 0.5 | 0.65 |
| | Working Distance (mm) | 5.8 | 18.5 | 10.6 | 2.1 | 0.6 |
| | Cover Glass Thickness | N/A | N/A | N/A | 0.17 | 0.17 |
| | µm/pixel | 4.54 | 2.27 | 0.908 | 0.454 | 0.227 |
| Custom Objectives-Non-coverslip | Magnification | 20x N/C | 40x N/C | 60x | | |
| | Numerical Aperture (NA) | 0.45 | 0.75 | 0.9 | | |
| | Working Distance (mm) | 3.1 | 0.63 | 0.2 | | |
| | Cover Glass Thickness | 0 | 0 | 0.11-0.23 | | |
| | µm/pixel | 0.454 | 0.227 | 0.151 | | |
| Output Resolution | 1920 x 1080 pixels; Standard JPEG, Focused Frame Tiff 1920x 1080 x up to 20 frames | | | | | |
| Device Dimensions | D: 14.19"(360mm) x W: 11.6" (295mm) x H: 9.83" (250mm) | | | | | |
| Device Weight | 32 lbs (14.5 Kg) | | | | | |
| Power | Universal AC/DC Medical Adaptor input, power factor corrected, 110v/240v 50Hz/60HZ AC Input converted to 24VDC | | | | | |
| Supplied Computer | Dell OptiPlex Micro Form Factor Intel Core i5-6500T 2.5GHz CPU 16GB DDR3 RAM 500GB SSD Windows 7 Pro 64 bit OS | | | | | |

Technical Specs and Remote System Requirements

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|------------|--|
| Frame Rate | Up to 30 frames/second |
| Bandwidth | Minimum: 1.5Mbps Network Speed Recommended: 6-10Mbps Network Speed |
| Network | Three consecutive ports are required. Default ports include 6783, 6784 and 6785. |

Recommended Monitors (or with Equivalent Specs)

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|--------------------------|---|
| | ICC Compatible Monitor such as Dell U2417H |
| Remote System Resolution | 1920 x 1080 |
| Graphics Optimization | NVIDIA graphics accelerators are recommended. The following nVidia accelerators provide the best performance: GeForce 200, 300, 400, 500 series for notebook or desktop GPUs, with at least 512 MB Frame Buffer. |

Remote Client Requirements

Apple:

OS: Snow Leopard or Later
iPad 1, 2, 4 with iOS 4.0 or later

Windows:

Windows 7 (Home, Enterprise, Professional, Ultimate)
Vista (Home, Business, Enterprise, Ultimate), XP, 2008 and 2008 R2, or 2003
1G RAM
DirectX 9.0 or later
Atom, Pentium-M, or faster CPU

Android:

Kindle HD, HD+
Motorola Xoom, Atrix, Droid
Nexus One, S
Samsung Galaxy
ViewSonic ViewPad 10s
HTC Desire (HD)/HTC One

WiFi or 3G/4G Connection