


Technical Specs: Mikroscan L5

Basic System Information

Product Specifications						
AC Input Voltage	100-240V~, 50-60Hz					
L5 Power Requirement:	24VDC  100W					
System dimensions:	36 x 30 x 24 cm (L x W x H), 16 kg					
Number of Objective Positions: 5						
Default Objectives	Magnification	2x	4x	10x	20x	40x
	Numerical Aperture (NA)	0.06	0.10	0.25	0.50	0.65
	Working Distance (mm)	5.8	18.5	10.6	2.1	0.6
	Cover Glass Thickness (mm)	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	0.90		
	Working Distance (mm)	3.1	0.63	0.20		
	Cover Glass Thickness (mm)	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 1920 x 1080 x up to 20 frames					
Slide Load Time	18 sec.					
Slide Sizes	25.5 x 75.5 ± 0.5 mm (1 x 3 in. nominal)					
Slide Thickness	1.0 ± 0.1 mm, not including coverslip					
Number of Slides	1 or 2					
Supplied Computer	Dell Precision Micro Form Factor Intel Core i5-6500T 2.5GHz CPU 16GB DDR3 RAM 500GB SSD Windows 10 Pro 64 bit OS					

Technical Specs and Remote System Requirements

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)

	ICC Compatible Monitor such as Dell U2417H
Remote System Resolution	1920 x 1080

Remote Client Requirements

Apple:

OS: Snow Leopard or Later
Full HD resolution recommended.

Windows:

Windows 10, 8.1, 1, 7 XP
1G RAM
DirectX 9.0 or later
Atom, Pentium-M, or faster CPU
Full HD resolution recommended.

Mobile Devices:

Android, iOS and web OS devices supported.
Full HD resolution or equivalent 16:9 aspect ratio recommended for best experience.

WiFi or 3G/4G Connection:

1.5 Mbps minimum for best experience.