


Technical Specs: Mikrosan SL5

Basic System Information

Product Specifications						
AC Input Voltage	100-240V~, 50-60Hz					
SL5 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					
		20x		40x		
Scan Speeds (15mm x 15 mm area)		49 sec.		165 sec.		
Time to View - Includes 5 Focal Points (Processing and Saving Time)		105 sec.		309 sec.		
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 3420 or similar Intel i7 3.6Ghz CPU 64GB DDR3 RAM 500GB HDD 500GB SSD Windows 10 Pro 64 bit OS					

Remote Client Requirements
<p>Apple: OS: Snow Leopard or Later Full HD resolution recommended.</p>
<p>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.</p>
<p>Mobile Devices: Android, iOS and web OS devices supported. Full HD resolution or equivalent 16:9 aspect ratio recommended for best experience.</p>
<p>WiFi or 3G/4G Connection: 1.5 Mbps minimum for best experience.</p>

Technical Specs and Remote System Requirements

Frame Rate	Minimum 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 U2312
Remote System Resolution	1920 x 1080