

Slide Scanner



Model: HDS-MSCAN-60FN

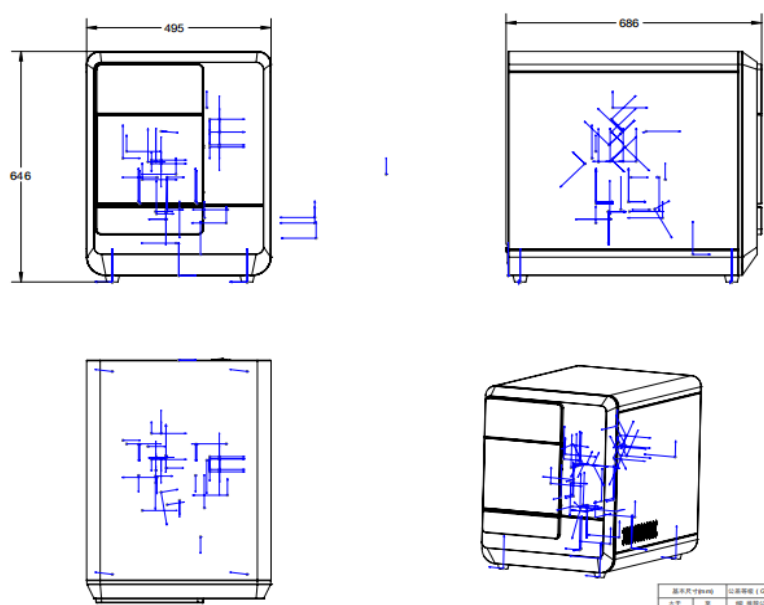
The HDS-MSCAN-60FN is a fully automated high-speed slide scanner that supports both brightfield and fluorescence imaging, digitizing up to 60 slides in a single batch with exceptional image quality. It features an automated system for quick switching between five fluorescence channels, accurately identifies transparent samples, and prevents quenching. The scanner integrates brightfield and fluorescence light sources, enabling precise imaging for applications such as FISH, immunofluorescence, and routine H&E analysis. With seamless stitching and z-stacking capabilities, it captures high-resolution images across different focal planes. Powered by advanced hardware and HDScanner software, it allows easy access and sharing of high-quality virtual slides for cytology, histology, and molecular pathology.

Capacity	60
Slides Dimensions	25mmx75mm <2min 5 channels (5mm*5mm, 20X)
Speed	at 0.15um/pixel resolution, 45s per 15mmx15mm area for bright field
Scanning camera	12.2MP Monochrome CMOS

Preview Camera	8.0MP
Objectives	Standard 20X/0.5NA(Optional 40X)
Pixel resolution	0.15um/pixel(20X)
Focus Mode	Real-time autofocus
Barcode Recognition	Yes
Z-stack	Yes
Stage	Motorized XY stage
Image Format	JPEG/JP2000/TIFF/SVS/SCN
Light Source	Brightfield and 5 fluorescence channels, up to 7 fluorescence channels
Dimensions (WDH)	69cm x 58cm x 56cm
Weight	~55kg
Software	HDSscanner Multi-Function Scanning and Recognition Software (See software manual for details)

Optimization of parameters through hardware and software differentiation

Dimensions:



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