

DAKEWE

PathPilot™ DS30R Slide Scanner

20 sec/slide ultra-fast scanning

AI powered super resolution

Explore digital slides anywhere



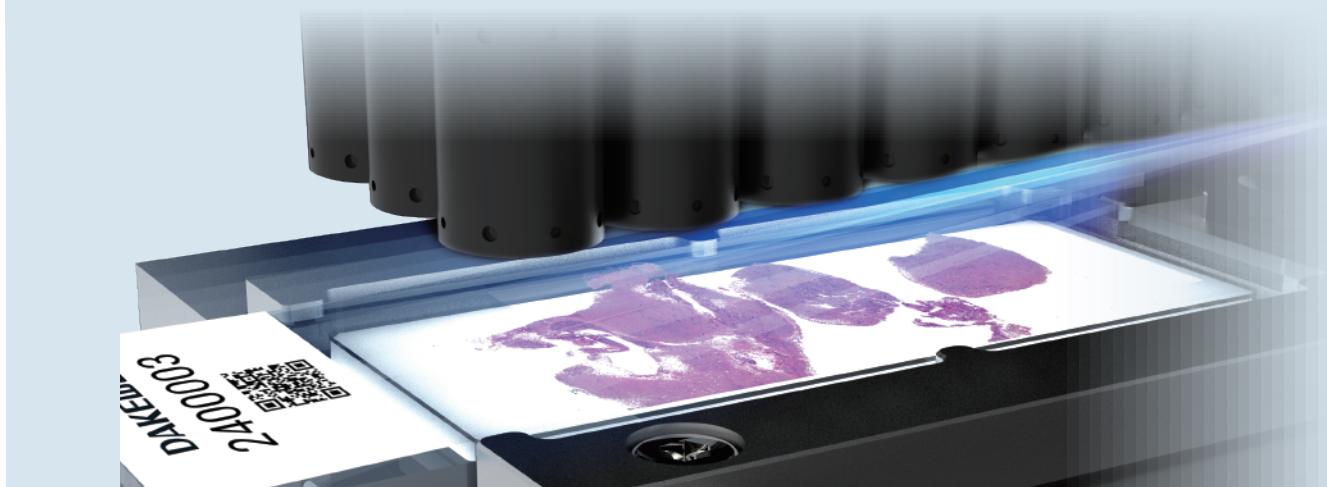
For research use only

Ultra-Fast Slide Scan

Scanning speed is boosted by array microscope imaging technology.

World class top scanning speed: Scan a 20 mm × 50 mm area in 20 seconds, which is equivalent to scanning for a 15 mm × 15 mm area in merely 5.6 seconds.

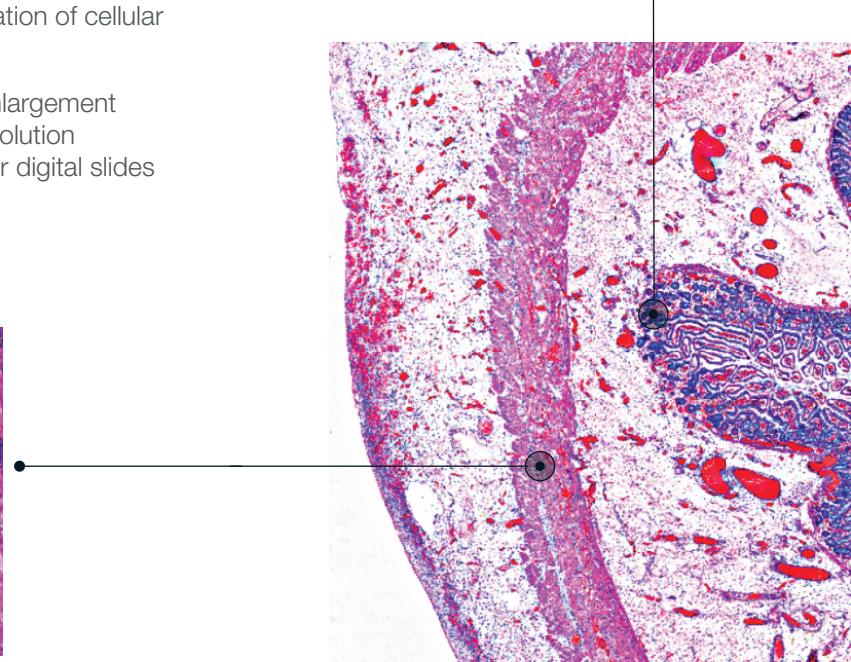
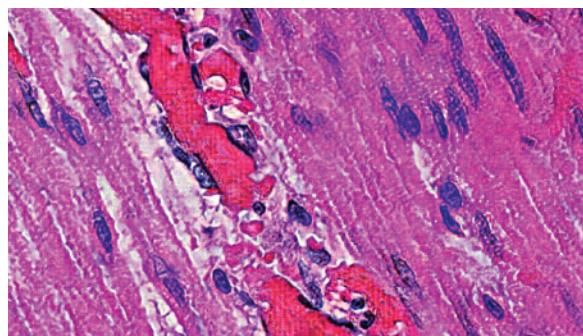
Z-stack scanning and Extended Depth of Field allow for precise imaging and slide scanning, achieving uniform clarity for tissues with a thickness of up to 2 millimeters.



AI-Powered high-precision optical microscopy imaging

Microscopic optical magnification with deep learning-based super-resolution microscopy technology enhance array microscope imaging quality to beyond that of 40x objective lens, enabling clearer observation of cellular microstructures.

Non-linear signal process based image lossless enlargement technology is applied to magnification of super-resolution microscopic images, achieving higher resolution for digital slides magnification up to 80x.

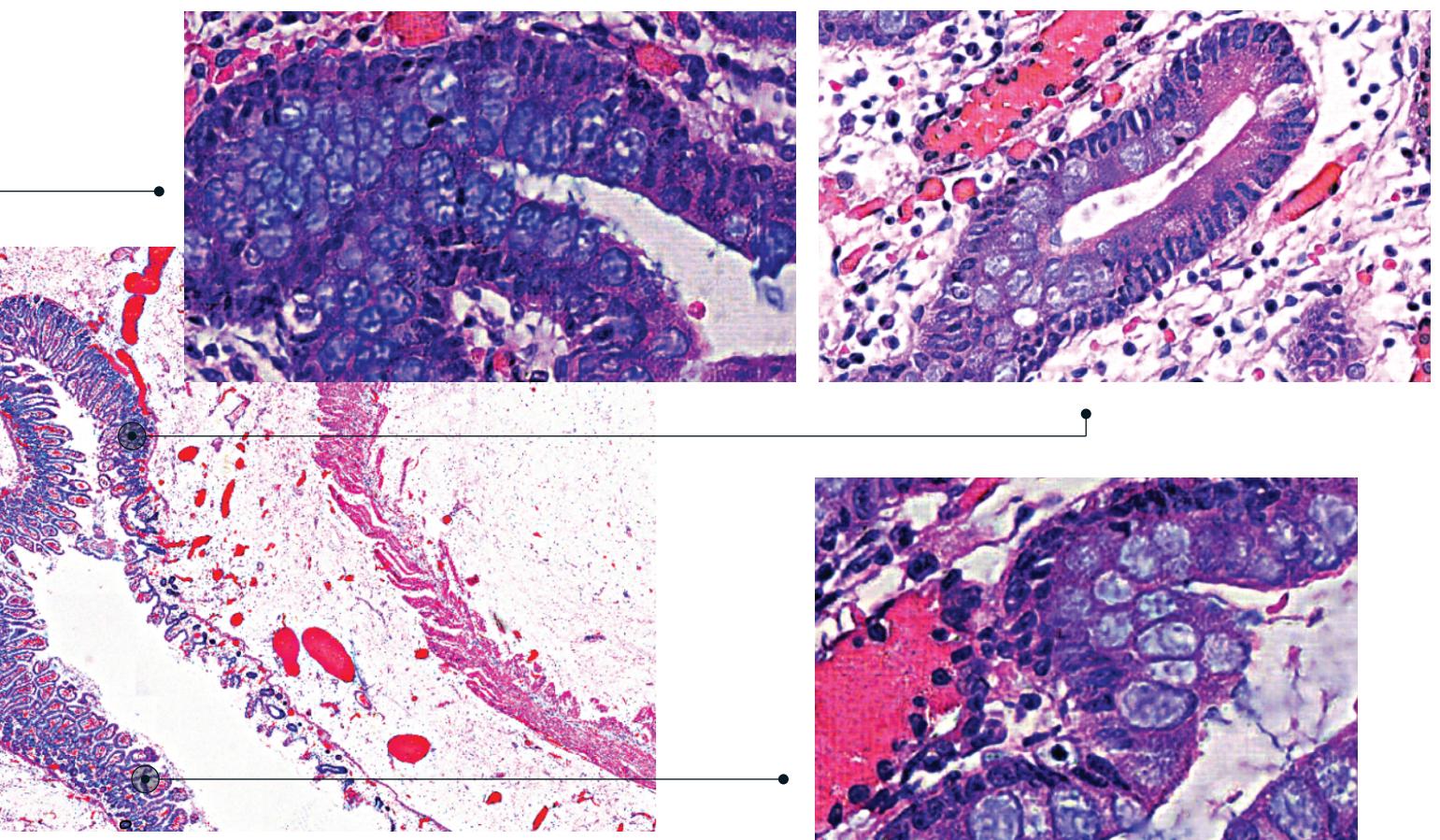
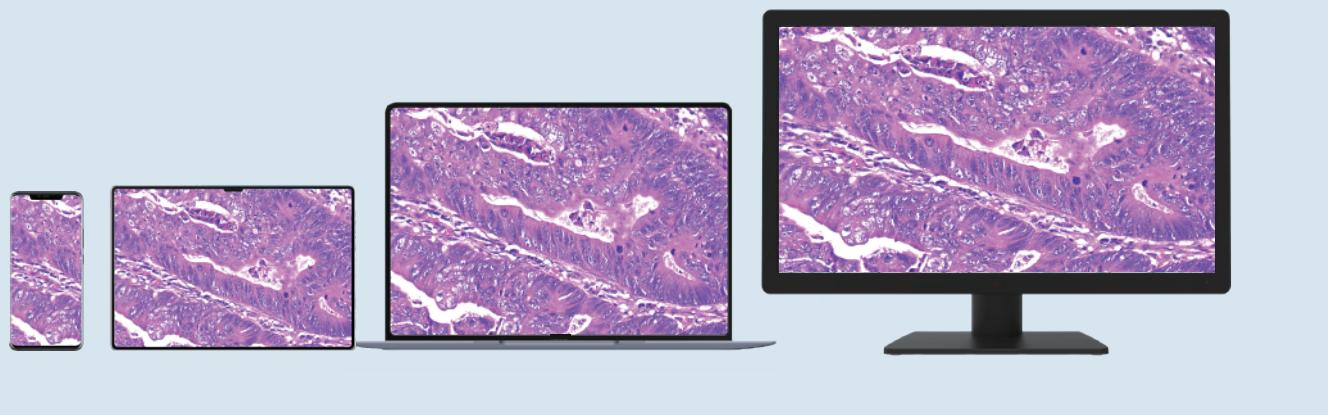


| Web based digital slides management

Built-in digital slides management server provides secure network connections, allowing remote access from various authorized network devices, including smartphones, tablets, laptops and desktop PCs.

The array hard disk stores massive WSIs locally, with easy and convenient access to Google Drive or Network Attached Storage for even higher storage capacity.

View, analyze, and share digital slides effortlessly in a common web browser without extra app required.



DAKEWE

Dakewe medical
Shenzhen, China
www.dakewemedical.com
Ver 1.1, Rev. Jan 2025

Specifications

Slide capacity	≤ 30
Magnification	40x equivalent
Resolution	0.179 μm/pixel
Scan speed	20 sec/slide, 20 mm × 50 mm
Barcode formats	Data Matrix, QR Code, Code 39/93/128, Codabar
Dimensions (WxDxH)	703 mm × 470 mm × 550 mm
Weight	Approx. 83 kg
WSIs storage	1000 WSIs (2000 or 4000 WSIs optional)
Compatible WSI formats	DICOM / TIFF / SVG / JPEG / BMP / PNG
Z-stacking	400 stacks with 1 μm/step
Auto focus	Yes
Compatible slide racks	Dakewe CS600 racks (30-slide) Leica HistoCore Spectra workstation racks (30-slide) Sakura Prisma Stainer and Coverslipper racks (20-slide)