

LS-2100

A2 Large-scale Flatbed Digitizer

- Design of an opened flatbed is perfect for placing various types of objects
- A2 scanning area is up to 630 x 430 mm
- High-resolution and color linear CCD generates superior image quality
- Optical resolution is up to 1000 dpi
- Warm-up-free LED
- Use of one CCD eliminates misaligned effects caused by splitting images
- Easy-to-use and install high-speed USB interface
- Optional trolley for convenient movement and stationary
- Exclusively designed image-capturing software



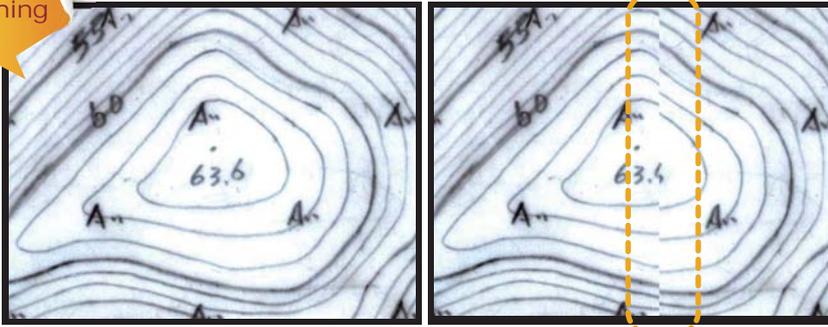
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The LS-2100 is a digitizer exclusively designed by Microtek for scanning large-scale materials. It is provided with an A2 scanning area up to 630 x 430 mm, high-resolution and color linear CCD, 1000-dpi resolution and 48-bit color depth. With the support of the LS-2100, it is easy and convenient to digitize large-scale images with superior color and quality. The LS-2100 is perfect for wide use in fields of technical drawings, art works and aged papers.

The Design of One CCD Eliminates Misaligned Effects Caused by Splitting Images

Design of One A2 CCD Requires No Stitching

The LS-2100 is adopted with optical elements in high specifications. It is able to capture a full size of A2 image by using one lens, which eliminates misaligned effects caused by splitting images generated from two lenses.



▲ Use of one CCD camera requires no stitching when scanning images

▲ Two CCDs easily cause misaligned effects when scanning images

Design of an Opened Flatbed

With an opened flatbed design, it is easy to place or arrange the position of objects when scanning with the LS-2100. It is perfect for wide use in dealing with heavy papers, bundled books, damaged and fragile materials, various building materials, tiles and wall pictures.



Optional

Convenient Trolley for Easy Movement and Stationary

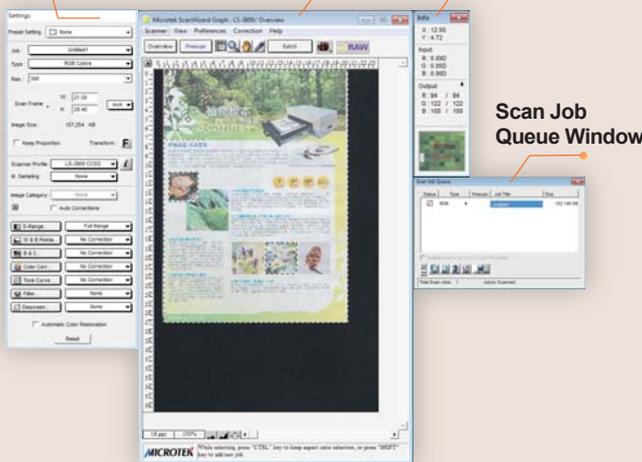
Used together with an optional trolley, LS-2100 can be stored stably at an easy-to-operate height. With casters attached at the bottom of the trolley, users can move the scanner conveniently.

Settings Window

Preview Window

Info Window

Scan Job Queue Window



Exclusive Scanning Software for Large-scale Objects

Multi-functional and Easy-to-use Software

The software is designed and developed exclusively for scanning large-scale floor plans. With professional and multi-functional image correction tools, it is great for use in categories of the advertising, the printing, creativity design, library and information services, the image archiving and the construction.

- Supports the Windows 10
- Supports scanning of image files in color, grayscale and B&W
- Frames a selective area to scan and then to save as a file
- Supports image functions such as Rotate, Flip, Auto-Crop and Auto-Deskew
- Supports output image files in TIFF, BMP, JPEG, JPEG2000 and PDF formats
- Imports predefined ICC profiles to ensure color accuracy
- Provides with various image correction tools
 - Brightness / Contrast adjustment
 - Gradation Curve / Tone Curve / Saturation adjustment
 - Selective Color Tool
 - Filter Effects (Blur, Sharpen, Emboss and so on)

Specifications

Scanner Type	Flabed	Interface	Hi-Speed USB (USB 2.0)
Image Sensor	Color Linear CCD	Dimensions (LxWxH)	862 x 630 x 382 mm (w/o trolley) 862 x 630 x 760 mm (w/ trolley)
Optical Resolution	1000 dpi	Weight	Approx. 47 kg (w/o trolley)
Color Depth	48-bit	Voltage	AC 100V-240V, 47-63 Hz · Max. 1.5A (Input)
Color Mode	Color / grayscale / B&W	Environment	Operating temperature: 50°-104°F (10°-40°C) Relative humidity: 20%-85% RH
Scanning Area	630 mm x 430 mm (24.8" x 16.9")		
File Output Format	TIFF, BMP, JPEG, JPEG2000, PDF, etc.		

System Requirements

- CD-ROM drive (for installing software)
- Color display with 24-bit color output capability
- 8 GB RAM or more
- Intel Core i5 Processor at 3.0 GHz PC or higher
- with USB 2.0 port
- Windows 10 (64-bit)

* For more details on product, please contact your local Microtek sales or dealers.

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