PlanScan

Highest scan quality with maximum performance

A0+ Book Scanner

PlanScan 4838

A0+ book scanner with extremely high scanning speed. Redefines the price/performance ratio.

Image Access

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Image Access

- SCAN AREA 17% MORE THAN DIN/ISO A0

- 1200 DPI RESOLUTION

- 9 SEC FOR A0+ SCAN @ 300 DPI

- OUR FASTEST A0 BOOK SCANNER – EXTREMELY HIGH SCANNING SPEED

- MOTORIZED 35 CM PULL OUT BOOK CRADLE

- 3D SCANNING MODE

- BIDIRECTIONAL SCANNING

- PRIME AND CONSISTENT SCANNING RESULTS INDEPENDENT FROM AMBIENT LIGHT

- FREE OF IR AND UV RADIATION

- GIGABIT TCP/IP NETWORK INTERFACE

*With the camera moving from back to front and vice versa, the **PlanScan 4838** A0 book scanner achieves its enormous productivity.*

PlanScan 4838 Book Scanner – the alternative

The A0 book scanner PlanScan 4838 is an alternative to the PlanScan 3650. With the camera moving from back to front and vice versa, the PlanScan 4838 achieves its enormous productivity.

With a motorized standard book cradle of 35 cm range, it can handle extremely large originals. Operating the PlanScan 3650 A0 book scanner is easy and convenient. Simply place the book and hit the scan button. The rest of the process is fully automatic. All the operator has to do is to flip the page and release the scan. The book scanner is equipped with a special LED light illumination that does not produce any ultraviolet or infrared radiation. Harmless and uniform illumination is guaranteed. The scanner illumination is located inside the scan head and is simply moved across the original. The scanner can be operated independent from ambient light and does not irritate the operator's eyes.

The PlanScan 3650 A0 book scanner comes with 3D scanning mode, a scanning technology which allows users to scan many different types of originals. It offers the capability of digitizing structured surfaces such as wood, rubber, plastic, fabrics, carpet and many more types of material. Finally, light reflecting items such as coins, seals, metal prints and silver or gold coated originals can be captured at the highest quality. The 3D scanning mode presents new opportunities as it can be applied to materials outside the normal archive and library world. It is a newly designed scanning technology that produces results that look like 3D. The process is based on different lighting scenarios where the same area is being captured with several different lighting scenarios on the fly. The software then combines the separate images into one image. As a result, 3D images offer perfect reproductions of nearly any structured surface. In addition, it increases the depth of field significantly. This is unique and raises the outstanding image quality of the scanner to another level. The 3D scanning mode can be disabled and regular 2D scanning can be performed.

Highlights that make the PlanScan 4838 book scanner the right choice for every application

- Enormous productivity - extremely high scanning speed.
- Motorized 35 cm pull out book cradle as a standard feature.
- Scanning range above A0 (17 % more than A0).
- Very high resolution (1200 dpi).
- Free of IR and UV radiation.
- 3D scanning mode.
- Bidirectional scanning.
- Prime and consistent scanning results independent from ambient light.

Highest scan quality with maximum performance

PlanScan 4838   Markets

- Libraries
- Archives
- Government and private commercial organizations
- Universities
- Information Facilities
- Land registries

PlanScan 4838   Applications

- Archiving documents from national and local government agencies, registries and nonprofit organizations
- Scan newspapers, periodicals, catalogs and magazines
- Digitizing bound and stapled documents like contracts, accounts and documentation
- Preserving books and sensitive historical documents

Scan2Net®

The Scan2Net® platform is the technological foundation of all WideTEK® and Bookeye® scanners from Image Access. It replaces the proprietary scanner drivers and software that traditional scanners require with the fastest common, nonproprietary inter-device connection available: TCP/IP over Ethernet. With network interface speeds much higher than USB 3.0 or camera link, Scan2Net® devices are able to reach unrivaled performance at extremely low connectivity cost.

Scan2Net® scanners feature a 64 bit Linux based real time operating system, dedicated to scanner specific imaging and mechanical control tasks, maximizing scanning speeds and performance.

Scan2Net® Advantages

- 64 bit Linux based computer, fast and virus protected
- Routable, easy integration into existing network structures
- Only a single IP address is required to run the scanner
- Integration and remote access via the Intranet or even the Internet
- Scans directly to SMB, FTP, hot folders, USB, Email or the Cloud
- All hardware and software built in, no need for external PCs
- Simple, intuitive operation via full HD touchscreen
- Clear menu structure, help files build in
- Multilanguage support, customizable user interface

TECHNICAL DATA

Maximum Scan Area	1219 x 965 mm (48 x 38 inch), 17% more than DIN/ISO A0
Scanner Resolution	1200 dpi
Scan Speed	DIN A0+ @ 300 dpi: 9 s
	DIN A0+ @ 600 dpi: 18 s
Color Depth	48 bit color, 16 bit grayscale
Scan Output	24 bit color, 8 bit grayscale, bitonal, enhanced halftone
File Formats	Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG), AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, raw data and more
ICC Profiles	Embedded for sRGB, Adobe RGB and native. Individual profiling via web based Scan2ICC subscription
Camera System	Four Tri-color CCD cameras, encapsulated and dust-proof
Light Source	White LEDs, classified IEC 60825-1: class 1, IR and UV free
Lamp Lifetime	50,000 h typ. Lamps are covered by the Extended Warranty Option
Computer	64 bit Linux, 16 Gigabyte RAM, 320GB HDD
Interface	GBit TCP/IP Network interface
Software	Batch Scan Wizard, other Software optional available
Standard Book Cradle	35 cm pull-out, motorized
Dimension	H x W x D: 1070 x 1490 x 1430 mm (42 x 59 x 56 inch)
Weight	130 kg (287 lbs.)
Environment	Operating temperature 5 to 40 °C (40 to 105 °F), relative humidity 20 to 80% (non-condensing)

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