

Bookeye[®] 5

*Fastest, safest and most ergonomic
DINA1+ (25*36") book scanner for
professional digitization projects*

V1A Professional

Cutting-Edge Technology



***Automated scanning of books larger
than DINA1 at highest speed and
quality.***





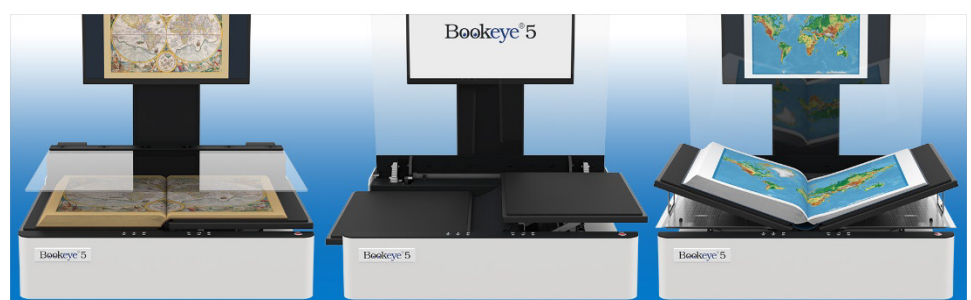
- OVERHEAD BOOK SCANNER DIN/ISO A1+16%
- MAX. 600 * 600 DPI SCANNER RESOLUTION
- 2 SEC FOR A1+ SCAN @300 DPI, MIN. CYCLE TIME 5S.
- TRUE SCAN TECHNOLOGY, NOT A DIGICAM SUBSTITUTE
- BOOK CRADLE SUPPORTS BOOKS UP TO 30KG/70LBS
- THICKNESS 20CM/8" WITH GLASS PLATE AND 25CM/10" WITHOUT GLASS PLATE
- 180° AND V-SHAPED 140° SCANNING WITH OR WITHOUT GLASS PLATE IN ONE DEVICE
- MOTORIZED GLASS PLATE CAN LIFT 20CM/8" AND OPEN TO FULLY VERTICAL
- EFFORTLESS MANUAL MODE FOR SCANNING DELICATE OBJECTS
- INTEGRATED 64BIT LINUX, INTEL CORE I3, GEN 9, 240GB SSD, 8 GB RAM
- GIGABIT TCP/IP NETWORK INTERFACE
- SUPPORTS SRGB, ADOBE RGB, NATIVE COLOR SPACES
- COMPLIES TO ISO 19264 AND FADGI GUIDELINES
- VIRUS RESISTANT LINUX OPERATING SYSTEM
- EXCELLENT ENERGY EFFICIENCY, CEC LEVEL VI
- DESKTOP MODEL, SMALLEST FOOTPRINT IN THE INDUSTRY
- SHIPS IN TWO PARTS, FITS THROUGH SMALLEST DOOR



Bookeye® 5 V1A Professional is the wide format scanner of choice for digitization projects which require formats more than DIN A1+ up to 25x36"

Using the latest camera technology from Image Access, this scanner meets FADGI and ISO 19264 guidelines, capturing content at unmatched speeds. At 600dpi resolution and with all image enhancements turned on, its scanning time is a mere 4 seconds and the cycle time is appr. 9 seconds.

Productivity meets quality in digitization!



Book-friendly, safe, fast, highest quality, lowest footprint, desktop model, A1+ book scanner in the industry.

The Bookeye 5 V1A is the only scanner with a motorized, height adjustable glass top which also can be opened to any user defined angle. The advantages of this unique design are obvious.

The book cradle needs no motors. Because the book cradle is fixed, it can support any book imaginable with weights up to 30kg or 65lbs. The book cradle plates can be separated to accommodate books with spines up to 20cm / 8" widths. A flexible fabric bridges the gap between the individual plates, allowing it to provide optimal support for damaged spines.

The Bookeye 5 V1A book cradle is the most versatile in the industry supporting fully opened books at 180° with or without the glass plate as well as partially opened books via its V-shaped book cradle, all in one device. Every other vendor has to offer different models to cover all three scenarios.

Before a new book is scanned, the lift motor lowers the glass plate onto the book until the desired pressure is reached. The pressure is measured highly accurately, and it can be up to 10kg / 22lbs under operator control. Once the book's thickness is programmed into the lift mechanics, the scanner only needs to open and close the scanning glass to allow for book page flipping. The borderless glass plate opens automatically after each scan to the user defined angle. The speed at which the glass plate opens and closes is also user adjustable.



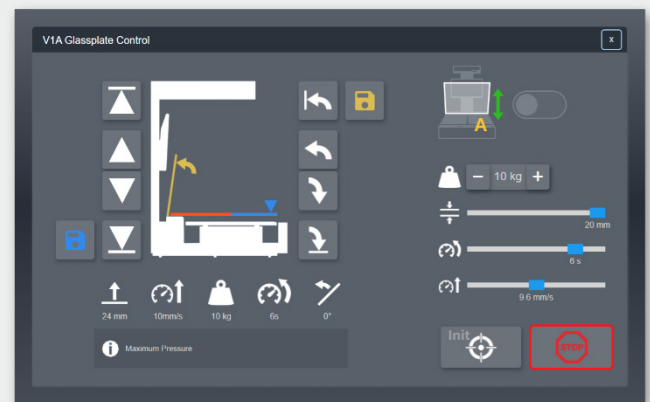
The Bookeye® 5 V1A with V-shaped book cradle and motorized glass plate

When the glass plate is completely open, the operator has the option to work manually with almost no force required. The glass plate stays put in every position and the pressure exerted on the book is manually defined by the operator.

All motor operations are available via ScanWizard as well as via the six buttons on the keyboard at the front of the scanner. When the stop button on the right side of the keyboard is activated, all motors stop immediately. The operation can later be resumed after the disruption is removed.

Highlights that make the Bookeye® 5 V1A book scanner the right choice for almost every book scanning application:

- 30kg/65lbs books supported
- Motorized glass plate lift and opening mechanism
- Very safe operation, no need to move heavy books via motors
- All moving parts stop at overload condition and via stop button
- Scans at 180° up to 20cm/8" thickness with glass plate
- Scans at 180° up to 25cm/10" thickness without glass plate
- Scans at 140° up to 25cm/10" thickness without glass plate (V-shape)
- Includes all the software features from smaller Bookeye models
- Remote maintenance, troubleshooting and firmware updates
- Very quiet operation, energy efficiency CEC level VI
- Full Coverage Warranty – Up to 5 years, free spare parts & more



The control panel informs the operator about all conditions

Applications where the Bookeye 5 V1A is the best fit

- Digitization projects requiring formats of up to DINA1+, 25 * 36"
- Scanning large and small books, heavy and light; using one scanner
- Preservation of fragile, partially destroyed and delicate documents other than books, such as maps, drawings and other large documents
- When light exposure (visible, UV and IR) needs to be minimized
- When quality requirements call for a real scanner, not a digicam

Related products

- BE5-V2 and BE5-V3 if book or document size is DINA2 or less
- WT25 and WT12 flatbed scanners for smaller, thinner documents
- WT12-SPECTRUM for applications requiring VIS, UV, IR illumination
- WT36-ART for scanning artwork, framed or unframed
- WT36/48/60CL scanners for single sheets of normal condition
- WT36/48 scanners for single sheets of all conditions

What's in the Box ?

Content

- Base unit with book cradle and glass plate
- Neck and scanning head with camera and lamps (can be moved separately, fits through any door)
- 27" 4K, 3840 x 2160p resolution preview screen
- 21" full HD, 1920 x 1080p resolution touch screen
- Power supply for scanner and 4K screen including power cords
- Foot switch
- Test and calibration targets
- One year of Full Coverage Warranty

Options

- **S2N-FSC** Foot Switch for Scanner
- **BSW-P-BE5-02** Batch Scan Wizard Pro License
- **SCAN2OCR** Background OCR on scanner
- **BE5-V1A-SP12M** Full Coverage Warranty, up to 5 years

Scan2Net® Advantages

- 64 bit Linux based computer, fast and virus protected
- Routable, easy integration into existing network structures
- Scans directly to SMB, FTP, hot folders, Email or the Cloud
- All hardware and software built in, no need for external PCs
- Simple, intuitive operation via full HD touchscreen

TECHNICAL DATA

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|----------------------------------|--|
| Maximum Scan Area | 635 x 914 mm (25 x 36 inch), 16% more than DIN/ISO A1 |
| Scanner Resolution | 600 x 600 dpi |
| Scan Speed | DIN A1+ @ 150 dpi: 1.2 s, DIN A1+ @ 200 dpi: 1.5 s DIN A1+ @ 300 dpi: 2.1 s, DIN A1+ @ 400 dpi: 2.8 s DIN A1+ @ 600 dpi: 4.1 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 |
| Quality | Complies to FADGI *** guidelines, Metamorfoze Light, ISO 19264-1 |
| Camera | CCD line sensor, 22,500 pixels (11,000 scan lines equals to a 245 MPixel matrix camera) |
| Live Preview Camera | CMOS matrix, area sensor |
| Light Source | White LEDs, tested according to IEC 62471, no IR/UV emission |
| Lamp Life Time | 50,000 h typ. Lamps are covered by the Extended Warranty Option. |
| Computer | 64 bit Linux, Intel® Core™ i3 generation 8 processor, 240GB SSD, 8 GB memory for extra large jobs |
| Touchscreen | 21 inch full HD 1920 * 1080 multitouch screen |
| Monitor | 27 inch 4K preview screen |
| Interface | 1 GBit Fast Ethernet with TCP/IP based Scan2Net® Interface |
| Dimension / Weight | H x W x D: 1160 x 900 x 900 mm (46 x 35 x 35 inch) / 90 kg (200 lbs.) |
| Electrical Specification | 100-240 V AC, 47 - 63 Hz (two external power supplies, complies with ECO standard CEC level VI) |
| Power Consumption incl. monitors | < 0.5 W (Sleep) / 1.5 W (Standby) / 120 W (Ready to Scan) / 200 W (Scanning) |
| Environment | Operating temperature 5 to 40 °C (40 to 105 °F) / relative humidity 20 to 80 % (non-condensing) |
| Noise | < 48 dB(A) lift & opening motors, < 42 dB(A) (Scanning) / < 33 dB(A) (Standby) |
| Approvals | IEC/EN 62368-1:2014 Ed.2, AUS/NZL 62368-1:2014 Ed.2 UL 62368-1:2014 Ed.2, CSA 62368-1:2014 Ed.2, RoHS, WEEE |



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