

# Bookeye® 5

## Bookeye® 5 V1A-C35/C50



### Scanning Speed

The scanning speed depends on the resolution alone. The Bookeye® 5 scanner always scans in full color, even if bitonal image output is selected. This produces the best possible images. The following matrix shows the scan speed depending on the resolution.

#### BE5-V1A-C50 Scan Time A1+ (914\*635 mm)

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

## Optical System

Maximum Scan Area	635 x 914 mm (25 x 36 inch), 16% more than DIN/ISO A1
Scanner Resolution	600 x 600 dpi
Pixel Dimension	9.3 x 9.3 µm
Minimum Document Size	100 x 100 mm (4 x 4 inch)
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
Color Depth	48 bit color 16 bit grayscale
Scan Modes	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

## Illumination System

Light Source	White LEDs, tested according to IEC 62471
Warm-up Time	None
Temperature Dependency	None
UV / IR Emission	None
Lamp Lifetime	50,000 hours typ. Lamps are covered by the Extended Warranty Option

## Electrical Specifications

### Two External Power Supplies

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
Operating Temperature	5 to 40 °C (40 to 105 °F)
Relative Humidity	20 to 80% (non-condensing)

### Power Consumption incl. Monitors

Standby	33 W
Ready to Scan, Monitor on	< 90 W
Scanning	< 130 W
Fully automatic scan cycle	< 230 W

## Document Specifications

Maximum Book Weight	30 kg (70 lbs.)
Book Thickness Bookeye® 5 V1A-C35	35 cm with glass plate 45 cm without glass plate
Book Thickness Bookeye® 5 V1A-C50	50 cm with glass plate 60 cm without glass plate

## Dimensions and Weight

Scanner Outer Dimensions (H x W x D)	1900 x 1800 x 1000 mm (75 x 71 x 39 inch)
Weight of Scanner	165 kg (364 lbs.)
Dimension Transport Box (H x W x D)	2100 x 1430 x 1150 mm (may differ) (83 x 56 x 45 inch, may differ)
Scanner Weight, Ready to Ship	346 kg (763 lbs.)

## Ambient Conditions

Operating Temperature	5 to 40 °C (40 to 105 °F)
Storage Temperature	0 to 60 °C (32 to 140 °F)
Relative Humidity	20 to 80% (non-condensing)
Ambient Luminance	< 800 Lux
Noise	< 55 dB(A) (Fully automatic scan) < 38 dB(A) (Scanning) < 33 dB(A) (Standby)

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