Bookeye®5

Image Access

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)