

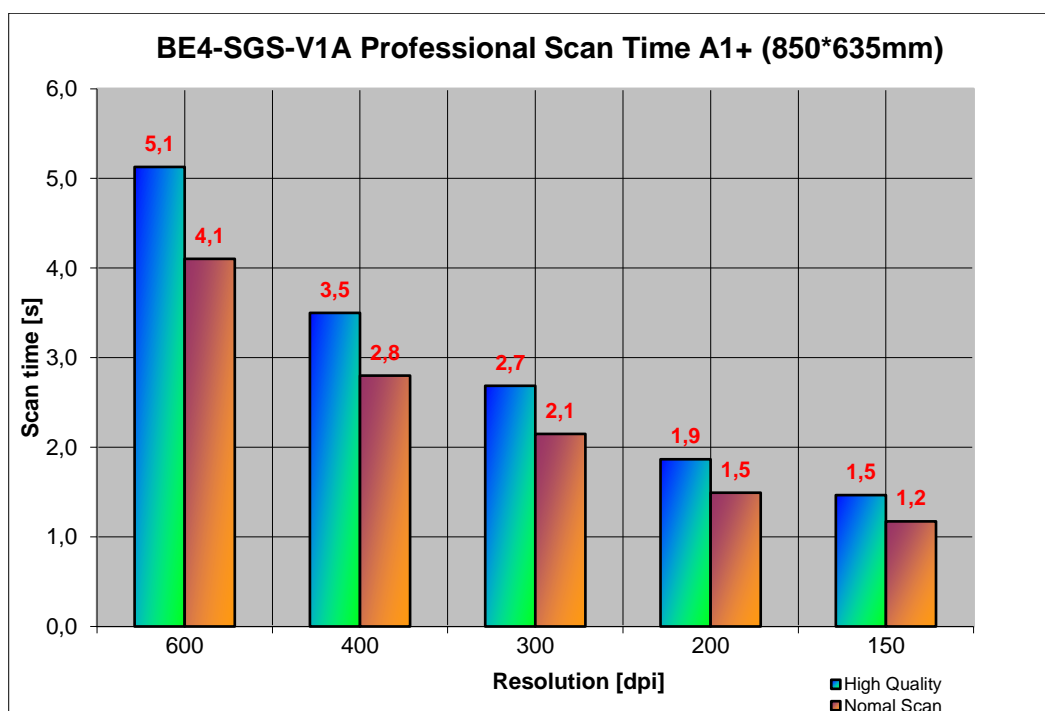
Bookeye 4 V1A Professional



Scanning Speed

The scanning speed depends on the resolution alone. The Bookeye 4 scanner always scans in full color, even if bitonal image output is selected. This produces the best possible images.

The following table shows the scan speed depending on the resolution.



Optical System

Maximum scan area	635 x 850 mm (25 x 33.5 inches), 8% > DIN 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 inches)
Camera	CCD camera, 45,000 pixels (22,500 Color, 22,500 B&W)
Grayscale digitization	16 bit
Color digitization	48 bit
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

Illumination System

Light source	White LEDs, classified according IEC 60825-1:Class 1
Warm-up time	None.
Temperature dependency	None
UV / IR emission	None
Lamp lifetime	50,000 hours (typ.)

Electrical Specifications

External Power Supply

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
Inrush current	120 A max / 264 V AC
Efficiency	85 %
Operating temperature	0 ... +65 °C
Operating humidity	20 ... 80 % RH, non-condensing
ECO standard	CEC level V

Scanner

Voltage	24 V DC
Current	Max. 5 A

Power Consumption

Sleep	< 0.5 W
Standby	2.5 W
Ready to scan, monitor on	75 W
Scanning	130 W

Dimensions and Weight

Scanner outer dimensions (H x W x D)	1100 x 880 x 855 mm (43.3 x 34.6 x 33.7 inches)
Scanner outer dimensions, book cradle opened (H x W x D)	1100 x 1000 x 855 mm (43.3 x 39.4 x 33.7 inches)
Weight of scanner	77 kg (170 lbs.)

Transport Box:

Dimension Transport Box (H x W x D)	1270 x 1020 x 1030 mm (50 x 40.2 x 40.6 inches)
Weight Transport Box:	73 kg (161 lbs.)
Total shipping weight	150 kg (330.7 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	< 300 Lux
Noise level	< 55 dB(A) (Book cradle motor active) < 42 dB(A) (Operating) < 33 dB(A) (Standby)

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