

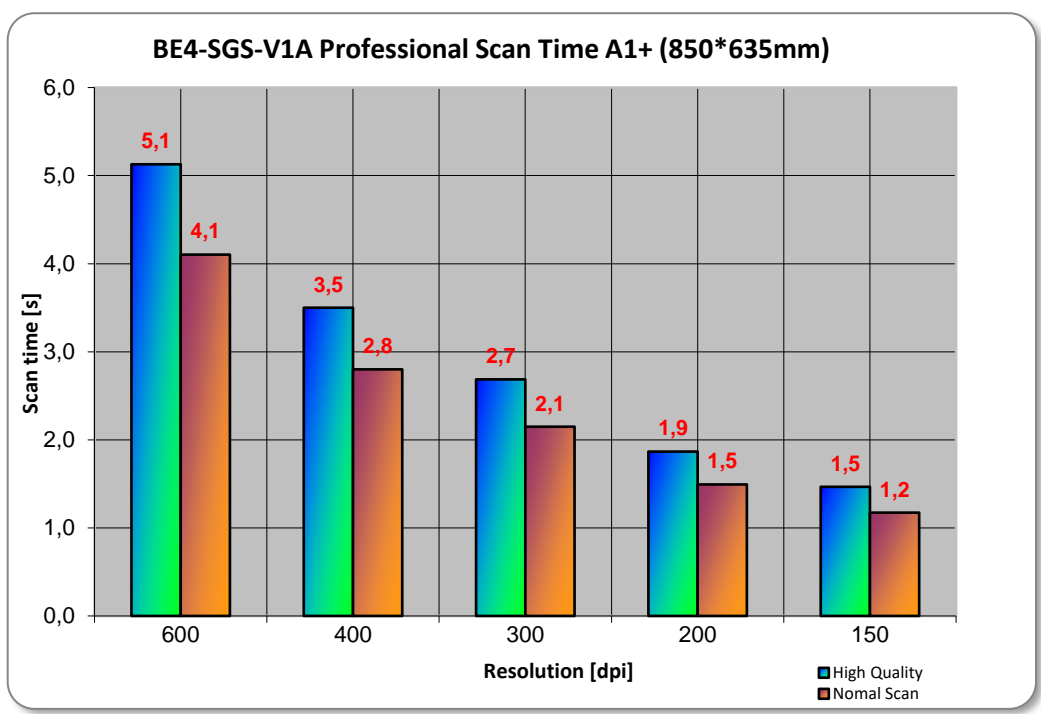
# Bookeye® 4

## 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)
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

## 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.)

## 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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