

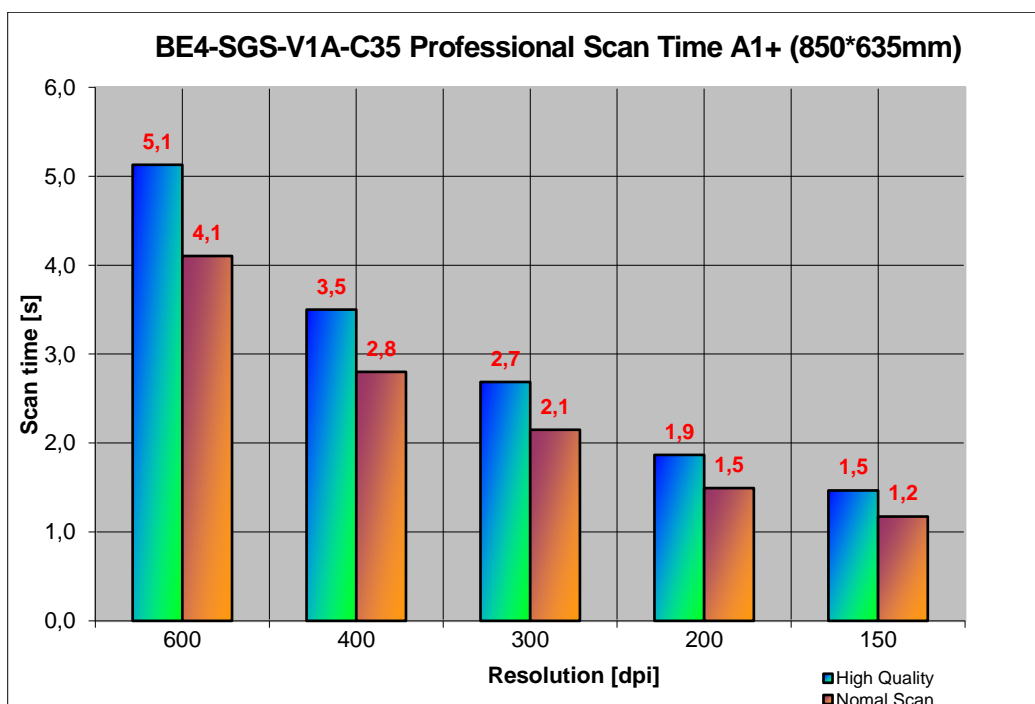
Bookeye 4 V1A-C35 Professional



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	50/60 Hz

Power Consumption

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

Dimensions and Weight

Scanner outer dimensions, Book cradles closed (H x W x D)	1700 x 1100 x 960 mm (67 x 43.3 x 37.8 inches)
Weight of scanner	140 kg (309 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)
Noise level	< 55 dB(A) (Fully automatic scan) < 38 dB(A) Scanning < 33 dB(A) (Standby)

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