

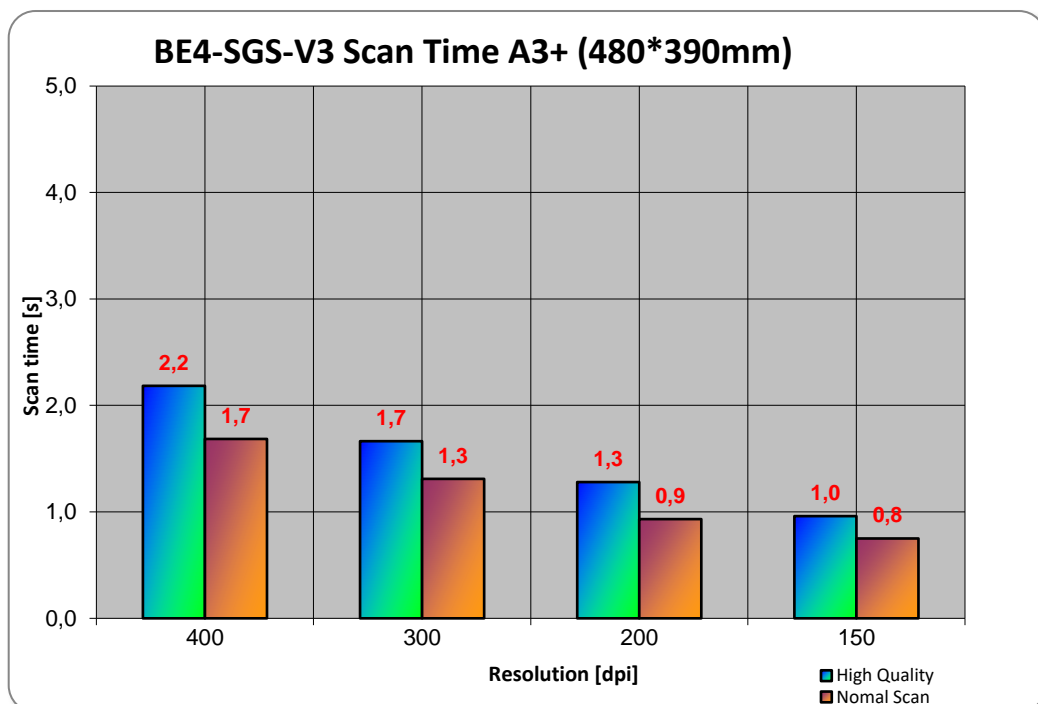
Bookeye® 4

Bookeye 4V3 Kiosk



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 graphic shows the scan speed depending on the resolution.



Optical System

Maximum scan area	390 x 480 mm (15.3 x 18.9 inches), 50% > DIN A3
Scanner resolution	400 x 400 dpi (optionally 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	5 ... +40 °C
Operating humidity	20 ... 80 % RH, non-condensing
ECO standard	CEC level VI

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)	780 x 500 x 580 mm (31 x 19.7 x 22.9 inches)
Scanner outer dimensions, book cradle opened (H x W x D)	780 x 595 x 580 mm (31 x 23.4 x 22.9 inches)
Weight of scanner	31 kg (68 lbs.)

Transport Box

Dimension transport box (H x W x D)	720 x 900 x 630 mm (28.5 x 35.4 x 24.8 inches)
Weight transport box	10 kg (22 lbs.)
Total shipping weight	45 kg (99 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	< 42 dB(A) (Operating) < 33 dB(A) (Standby)

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