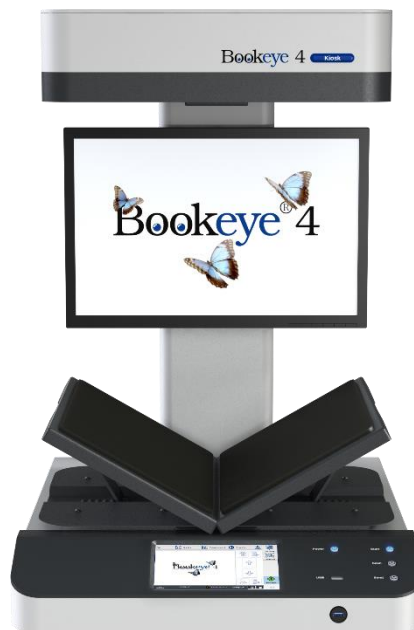


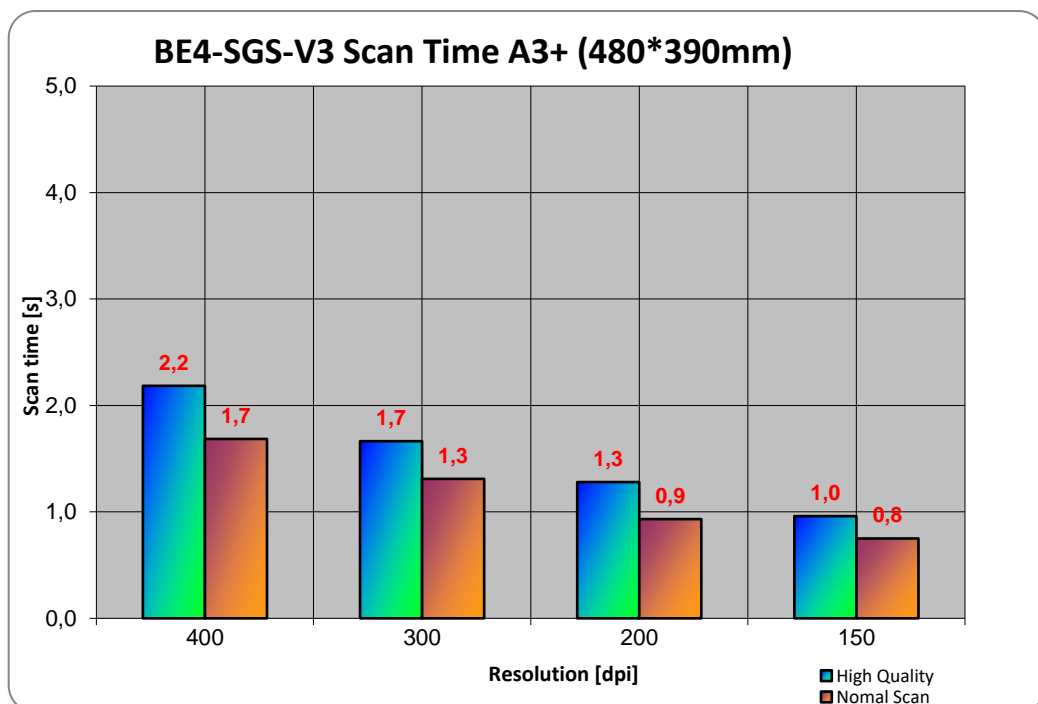
# Bookeye® 4

## 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),<br>50% > DIN A3   |
| Scanner resolution    | 400 x 400 dpi<br>(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<br>(22,500 Color, 22,500 B&W)   |
| Color depth           | 48 bit color<br>16 bit grayscale   |
| Scan modes            | 24 bit color, 8 bit grayscale,<br>bitonal, enhanced halftone   |
| File Formats          | Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000,<br>PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG),<br>AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript,<br>EPS, Raw data |

## Illumination System

|                        |  |
|------------------------|--|
| Light source           | White LEDs,<br>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 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<br>(H x W x D)                        | 780 x 500 x 580 mm<br>(31 x 19.7 x 22.9 inches) |
| Scanner outer dimensions,<br>book cradle opened<br>(H x W x D) | 780 x 595 x 580 mm<br>(31 x 23.4 x 22.9 inches) |
| Weight of scanner  | 30 kg (66 lbs.)                                 |

### Transport Box

|  |   |
|--|---|
| Dimension transport box<br>(H x W x D) | 720 x 870 x 620 mm<br>(28.5 x 34.3 x 24.5 inches) |
| Weight transport box                   | 10 kg (22 lbs.)                                   |
| Total shipping weight                  | 40 kg (88 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)<br>< 33 dB(A) (Standby) |

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