

Bookeye® 5

Bookeye® 5 V3 Basic | Kiosk | Professional



Scanning Speed

The scanning speed depends on the resolution alone. The Bookeye® 5 scanner always scans in full color, even if bitonal image output is selected. This produces the best possible images. The following matrix shows the scan speed depending on the resolution.

BE5-V3 Scan Time A3+ (480*390 mm)

| | | |
|---------|-----------|-------|
| DIN A3+ | @ 150 dpi | 0.8 s |
| DIN A3+ | @ 200 dpi | 0.9 s |
| DIN A3+ | @ 300 dpi | 1.3 s |
| DIN A3+ | @ 400 dpi | 1.7 s |

Optical System

| | |
|-----------------------|---|
| Maximum Scan Area | 390 x 480 mm (15.3 x 18.9 inch), 50% more than DIN/ISOA3 |
| 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 inch) |
| Camera | CCD line sensor, 22,500 pixels (11,000 scan lines equals to a 245 MPixel matrix camera) |
| Live Preview Camera | CMOS matrix, area sensor |
| 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 and more |

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. Lamps are covered by the Extended Warranty Option |

Electrical Specifications

External Power Supply

| | |
|-----------------------|----------------------------|
| Voltage | 100 – 240 V AC |
| Frequency | 47 – 63 Hz |
| Operating Temperature | 5 to 40 °C (40 to 105 °F) |
| Relative Humidity | 20 to 80% (non-condensing) |
| ECO Standard | CEC level VI |

Scanner

| | |
|---------|------------|
| Voltage | 24 V DC |
| Current | Max. 7.5 A |

Power Consumption

| | |
|---------------------------|---------|
| Sleep | < 0.5 W |
| Standby | 1.5 W |
| Ready to Scan, Monitor on | 40 W |
| Scanning | 110 W |

Dimensions and Weight

| | |
|---|---|
| Scanner Outer Dimensions (H x W x D) | 720 x 510 x 540 mm (28 x 20 x 21 inch) |
| Weight of Scanner | 29 kg (64 lbs.) |
| Dimension Transport Box (H x W x D) | 650 x 630 x 800 mm (26 x 25 x 31 inch) |
| Scanner Weight, Ready to Ship | 43 kg (95 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 | < 800 Lux |
| Noise | < 42 dB(A) (Operating) < 33 dB(A) (Standby) |

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