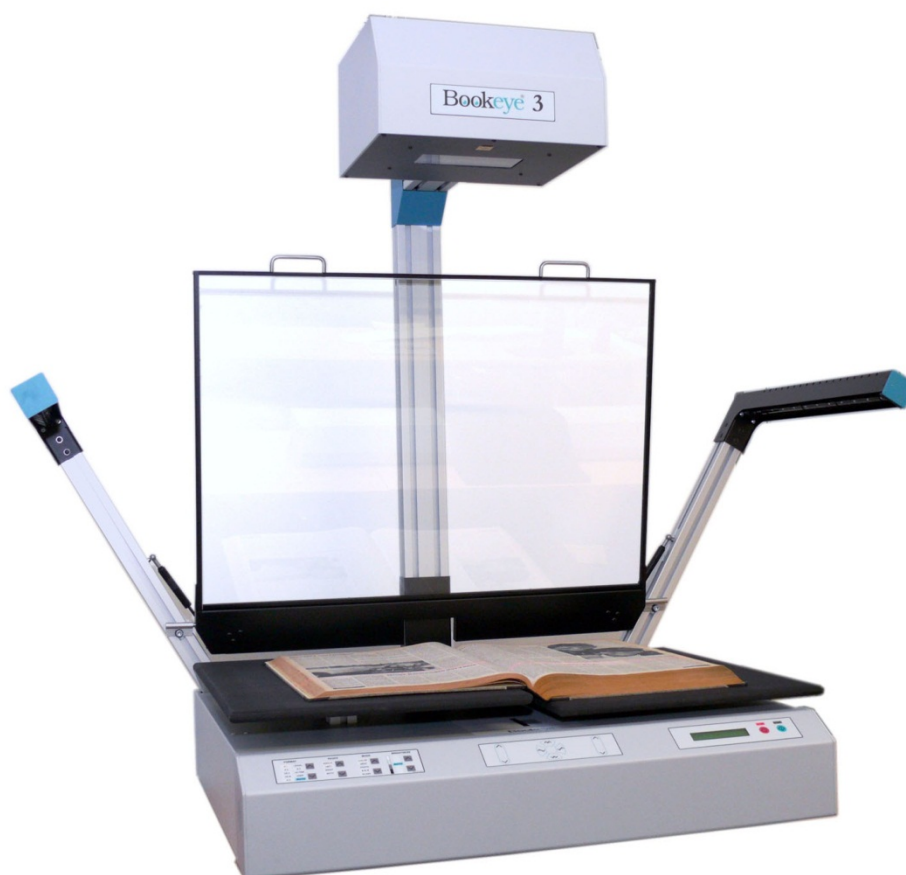


## Bookeye 3 – R1



### Optical System

Maximum scan area:	900 x 630 mm / 35.5 x 24.8 inch
Scanner resolution:	400 x 400 dpi
Optical resolution:	300 x 400 dpi
Autofocus range	120 mm / 4.7 inch
Max. document thickness	120 mm / 90 mm (without / with glass plate)
Color depth	36 bit color, 12 bit grayscale
Scan modes:	24 bit color, 8 bit indexed color
	8 bit grayscale,
	bitonal, photo mode
Camera	CCD Camera, 22,800 pixel

### Electrical Specifications

This device is Energy Star compliant.



Voltage	100–240V AC
Frequency	50/60 Hz

#### Power Consumption

Stand-by	0.1 W
Self-test mode	150 W
Ready to scan, lamps off	105 W
Scanning	275 W
Pre-scan	170 W

#### Moving the book cradle (lamps off)

Both plates simultaneously	128 W
Single plate	108 W

### Illumination System

Light source:	Two lamps with linear positioned white LEDs
Warm-up time:	None. Maximum brightness immediately after switch-on.
Temperature dependency	None
UV / IR emission:	None
Luminosity	4500 LUX (scanning)
	1000 LUX (stand-by, 300 sec.)
	0 LUX (stand-by, idle)
Lamp life time:	50,000 hours scanning time

### Dimensions and Weight

Scanner outer dimensions (without lamps)	1250 x 900 x 780 mm (H x W x D) 49.2 x 35.4 x 30.7 inch
Scanner outer dimensions (lamps attached)	1250 x 1500 x 780 mm (H x W x D) 49.2 x 59 x 30.7 inch
Weight of scanner, incl. glass plate	80.5 kg / 177.1 lbs.
Dimensions transport box (contains main body, camera head in separate box, lamps, camera neck, test target folder, assembly material, tools and cables)	600 x 1535 x 1115 mm (H x W x D) 23.6 x 60.4 x 43.9 inch
Weight of transport box	55.5 kg / 122.1 lbs
Total shipping weight	152 kg / 334.4 lbs

#### Book Cradle

Maximum load / book cradle plate	15 kg / 33 lbs
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## 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	< 50 dB(A) (Operating) < 30 dB(A) (Stand-by)

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