

Product Information

Bookeye® Color Scanner

Product Description

To digitize color documents faithfully – that is the trend. Documents scanned in color are easier to recognize in the workflow and are easier to remember than black and white or gray-scale documents.

Bookeye® Color is of interest for a number of applications, e.g. digitizing colored maps, surveys with photos, colored architectural plans, graphical designs, advertisements or the reproduction of historic originals.

The completely new underlying architecture of Bookeye® Color has crystallized out three main aspects:

- TCP/IP and speed
- Color and dynamics
- Modules and compatibility

Even in the standard version with the normal central lamp, Bookeye® Color guarantees excellent scan quality with the sophisticated camera line in conjunction with light that is free of UV and IR.

The Bookeye® Color Repro achieves a more homogenous illumination with two light sources, which is especially suitable for complex reproduction tasks such as materials, tiles and coins.

Bookeye® Color Applications

- Advertising agencies for scribbles, layout and preview
- Final checks in quality assurance and manufacturing
- Colored magazines and newspapers
- Manuscripts, crayon drawings, (also annotations in pencil)
- Colored illustrations
- Glossy photos
- Tiles, materials, coins

Advantages of Bookeye® Color Scanners

- Brilliant colors
- High-quality scans
- Easy installation
- PC and network connection via TCP/IP RJ45
- Remote maintenance and analysis

Easy Installation

In modern office networks and anywhere where fast data communications play a role, simple and problem-free integration and high-speed data exchange will be decisive in the future. This is enabled by the Bookeye® Color's TCP/IP interface. No drivers, no interface boards, just an IP address selected by the user makes the connection to any network possible. This reduces the effort for installation, and with a 100Mbit data rate, gives fast data exchange between Bookeye® and the workstation.

The compatibility with the existing BCS-2 modules such as MAPI and FTP are worthy of special mention, as these are available without conversion for the new generation of machines.

Function Overview

	Bookeye® Color A2	Bookeye® Color Repro A2	Bookeye® Color Repro A1
Originals			
• Original thickness without book cradle	15 cm (20 cm with man. focus)	15 cm (20 cm with man. focus)	20 cm (25 cm with man. focus)
• Original thickness with book cradle	On request	On request	On request
• Maximum format	DIN A2	DIN A2	DIN A1
Technical Data			
• Color depth internal	10bit	10bit	10bit
• Color depth external	8bit	8bit	8bit
• Dynamic histogram correction...	✓	✓	✓
• Resolution in DPI..	300, 200	300, 200	300, 200
Special Features			
• TCP/IP	✓	✓	✓
• Dynamic brightness and contrast	✓	✓	✓
• Edge correction with ADL (manual)	✓	✓	✓
• Background correction (contrast optimization) manual	✓	✓	✓
• Individual control of color channels	✓	✓	✓
• Repro illumination	No	✓	✓
• Remote maintenance	✓	✓	✓
Output formats direct from scanner			
• PNM/RAW	✓	✓	✓
• TIFF	✓	✓	✓
• JPEG	✓	✓	✓
Functions			
• ADL – auto document location	✓	✓	✓
• Book-fold correction	✓	✓	✓
• Black edge recognition – optional	✓	✓	✓
• Black edge suppression - optional	✓	✓	✓
• UDF user defined format	✓	✓	✓
• Auto/manual page separation	✓	✓	✓
Control panel			
• Brightness, contrast	✓	✓	✓
• Format, orientation, page selection	✓	✓	✓
• Folder mode (1 focus on each of l/r page)	✓	✓	✓
Scan time (in seconds)			
• Maximum format	2,7	2,7	2,7
• DIN A3	2,2	2,2	2,2
• DIN A4	<2	<2	<2
Transfer time (in seconds)			
• Maximum format	<6	<6	<6
• DIN A3	<5	<5	<5
• DIN A4	<4	<4	<4
Plus store and display	PC dependent	PC dependent	PC dependent

Recommended Hardware:

Pentium 4, 800 MHz, 512 MB RAM, 40 GB harddisk, 64 MB GeForce graphics card.
Slower processors (Pentium III etc.) with less RAM (min. 128 MB) and a graphics card with at least 16 MB can also be used, but will restrict the speed.

Contact

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