eScan
Open System A3

i2S

be visionary

eScan Open System a scanner compliant with the ISO 19264-1 standard

Backed by many years of experience, the eScan range kept on improving thanks to multiple innovations, enhancing technological performance and image quality over time.

The second generation of eScan range has been designed to satisfy the most demanding end-users, especially in terms of image quality. This search for excellence corresponds to i2S strategy and endeavours. Image quality being at the core of i2S concerns, eScan Open System (with Eagle Camera) is compliant with ISO 19264 standard, Metamorfoze and FADGI image quality guidelines.

eScan Open System is the first scanning solution on the market fully configurable.

eScan Open System, a new scanning solution that is open, configurable and scalable according to user needs, and enhanced with high image quality and productivity. You'll also enjoy its new design, more ergonomic and easy to handle.

Cameras are designed and produced by i2S; these are the result of many years of experience in digital imaging and processing.

eScan range is driven by LIMB Capture software and can be easily connected to i2S LIMB software suite.

It allows managing the entire digitization workflow thanks to LIMB Maestro, enriching images with LIMB Processing, and creating ready to publish images into LIMB Gallery, our digital library solution.

LIMB Software allows to manage your documents workflow in terms of image quality and effciency.

Some references - They trust our solutions

National Library of Wales
National Library of Norway
University of Dublin Ireland
Royal Library of Sweden
National Library of Finland
National Library of France
Hermitage Museum Russia
Library of Quebec
National Archives of France
State & University, Library of Düsseldorf
National Library of Czech Republic
Carneggie Mellon University
University of Michigan
Albertina Museum, Austria
National Library of Bulgaria
Ministry of Culture Spain
Koç University
National Library of China
Texas State Library and Archives Commission
Rome City Hall
National Archives of Japan
Archive of Morocco
Ministry of Justice of Tunisia
National Archives of Nepal
Beijing University China
National Archives of Mexico
Qatar National Library
National Library of Bangladesh
Municipality and archives Mali
National Archives of Egypt
University of Florida
University of Ghana
National University of Singapore
International Islamic University of Malaysia
National Archives of Peru
Ministery of the interior Gabon
National Archives of Indonesia
Supreme Federal Court of Brazil
National Library of Chile
University of Pretoria
National Archives of Argentina
Victoria University Melbourne

Image Quality
- 71 Mpixels Camera
- No mechanical shutter
- 400 dpi optical resolution on A3+ (up to 600 dpi)
- 9 cm depth of field
- 6,7 lp/mm at 400 dpi (85 % resolution efficiency)
- 5,9 lp/mm at 300 dpi (100 % resolution efficiency)

Lighting
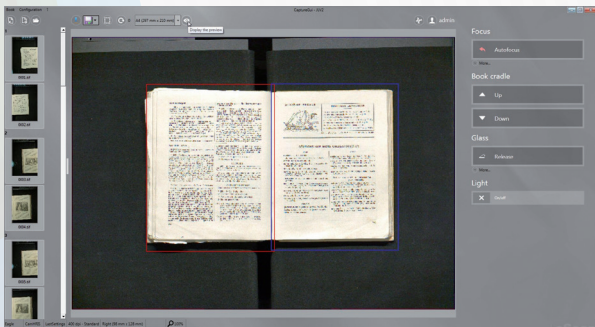- LED with no direct light to the operator's eyes

Productivity
- Scan time < 1 sec / Cycle time < 3 sec at 400 dpi
- Same scanning time whatever the format
- Two interfaces : self-service or production (Limb Capture)
- All-in-one screen or monitor
- Scan launch when glass is down
- Automatic opening when scan is done

Book Cradle
- 15 cm / 15 kg manual book cradle or motorized book cradle with glass plate or no book cradle
- 560 x 400 mm scanning format
- Optional self-opening glass plate

Software

LIMB CAPTURE

Windows

- Color Live preview before scan
- Multi frame management: saving multiple files from one scan
- Automatic format detection
- Auto-focus
- Real-time lighting correction
- Light "On" only during scanning
- Automatic calibration & Fine tune calibration menu
- ICC Profile management
- Multilingual operator interface
- Embedded image processings (live deskew, live cropping, finger masking, details enhancement, contrast enhancement…)

Configurations

EXAMPLES OF WALK-UP CONFIGURATION, KIOSK FOR SELF-SERVICE USE

EXAMPLES OF TABLE TOP CONFIGURATION, TO BE INSTALLED ON YOUR OWN TABLE

EXAMPLE OF WORKING STATION CONFIGURATION, SCANNER'S FEET LIE ON THE FLOOR FOR A SEATED USE

Technical Specifications

Type	A3+ format planetary book scanner
Scan format	up to 560 mm x 400 mm (22"x15,7")
Scan mode	Color, Grayscale, Black & White
Scan time	< 1 sec on A3 + format, 400 dpi in color
Cycle time	< 3 sec on A3+ format, 400 dpi in color, TIFF Files
File formats	TIFF, TIFF (multipage) , JPEG, JPEG2000, BMP, PDF, PDF (multipage), PNG, DNG
Camera	Eagle or E-HRIS / 71 Mpixels matrix sensor camera, auto-focus, no mechanical shutter
Maximum resolution	600 x 600 dpi
Optical resolution	400 x 400 dpi
Scanner interface	USB 3.0
Interface software	LIMB Capture Software, operated by Windows 7, 8, 10 / 64 bits
Dimensions (L x l x h)	Scanner : 1002mm (39,42') x 790mm (31,10") x 1330mm (52,36")
Power requirements	110v – 240v , 50Hz 60Hz
Warranty	1 year on spare parts and software updates, extendable to up to 5 years
Certifications	CE / FCC part 15 conformity Low voltage electrical safety EN60950 radioelectrical disturbances EN55022, EN61000 -3-2, EN61000-3-3 electromagnetic immunity EN55024

About i2S
SOLUTIONS FOR YOUR DIGITIZATION PROJECTS

i2S is a company specialized in image capturing and processing technology.

We work for international clients, on a wide range of markets like: health and well-being, sport, software, document digitization, food-processing and agriculture, aviation and aerospace, robotics and industrial control systems, and more generally, wherever image capturing is required.

i2S creates and markets a whole range of scanners and software intended for historical archives and bound documents digitization and promotion. Most of our customers are content owners such as museums, libraries, archives, administrations and a few large companies.

Our clients value our innovative solutions which encompass the complete process of a digitization project: capturing, processing, enriching and sharing. In order to meet the need for digitizing varied and precious collections, we designed the largest range of book scanners on the marketplace – from the smallest size to 2A0 format, including robot scanners.

Today, more than 4.000 book scanners are installed at more than 1.000 customers' sites around the world.

At i2S we work with passion and dedication for our customers, taking up the challenge of putting innovation at the service of digitization projects efficiency.

i2S Innovative Imag-   **@i2SBeVision-**