

## HEMERA S

High performance scanner  
with CCD-camera



### Brief specification

- Mixed batches up to DIN A3
- 200, 300 & 500 DPI
- Front- and backside scan

### Common options

- Printer
- MICR-reading head

### Example applications

- Archiving
- Elections
- Votings

### About DATAWIN

- Development, design and production of high-end documents scanners and OMRs at Ergolding, next to Munich
- Worldwide partners and installations
- Quality made in Germany: 30 years experience and certified by the European quality norm ISO 9001:2008

HEMERA S is a portable high performance scanner with automatic stack feed and three sorting trays. HEMERA S processes both sides of up to 360 documents per minute. It is thereby possible to process documents from the size of US checks up to DIN A3 documents in the same run, just as also folded documents.

HEMERA S was developed in order to evaluate large volumes of documents in short periods of time, to archive and/or to sort them. Its high scanning speed in connection with its operating ease enable the greatest possible time and cost efficiency in document management. The standard equipment of HEMERA S includes among others two ultrasound double document sensors, the fail-safe and energy efficient LED illumination unit as well as the paper transportation system by means of wear-free silicone rings.

HEMERA S is an enhancement of the high-performance custom-built DS850 scanner, known as the US election scanner, which was used in the evaluation, archiving and sorting of the ballots and absentee ballots during the presidential election in the US in 2012.



# HEMERA S

## Technical specifications



resolution	A3 Doc/min PPM	A3 images/min IPM	A4 Doc/min PPM	A4 images/min IPM	A5 doc/min PPM	A5 images/min IPM
200 DPI	260	520	360	720	420	840
300 DPI	130	260	260	520	360	720

### Document feeding and sorting

- Automatic batch feed (ADF)
- Stack capacity: up to 1,000 documents
- Automatic document adjustment
- Double sheet detection: ultra-sonic
- Sorter: 3 guided output trays
- Easy maintenance without tools
- Long-time steady silicon rollers (up to 5 years)

### Document dimensions

- Format: min. 124 x 70 mm, max. 420 x 297 mm
- Weight: 60 - 160 g/m<sup>2</sup>
- Quality: OCR acc. bis DIN 66223

### Image details

- 200 and 300 DPI
- Colour, greyscale, black and white images
- Economical fail-proof LED-illumination
- Additional snippets from front and back side
- Digital colour filter: all colours
- Image processing: embedded system
- File format: jpg, tiff

### Interfaces

- USB 2.0 (API)
- With embedded PC: Ethernet

### Mechanical and power values

- Dimensions: 1050 x 650 x 640 mm,  
Weight: 85 - 95 kg
- Ambient temperature: +10° C bis 40° C
- Relative humidity: 40 - 60%, condensation free
- Integrated power supply 110V - 250V AC
- StandBy 70 W, run 500 W

### Control panel

- Status LED
- Optional touchscreen

### Supported OS

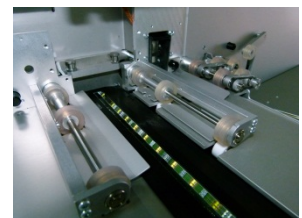
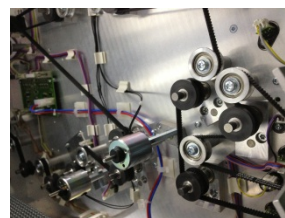
- MS Windows 7 (32 and 64 bit)
- MS Windows XP 32 bit

### Standards

- CE, VDE 0805/5.90, VDE 0871-B
- UL-proof
- ISO9001-2008 certified production

### Options

- Barcode recognition
- JPG2000
- 500 DPI
- Pre/Post printer
- Embedded PC & Touchscreen
- MICR-Lesekopf E13B, CMC7
- Long document scanning
- TWAIN, ISIS etc. on request
- Optical mark reading redlight or Infra-red (OMR)
- 12 to 48-tracks, 1/4", 1/5" and 1/6"
- Multilevelreading
- DATAWIN and AXIOME-interface compatibility



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