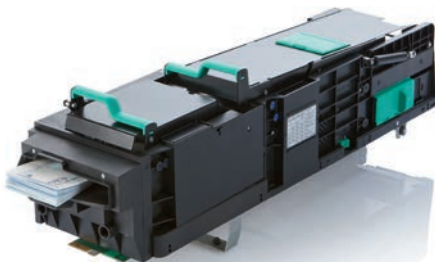


Technical Specifications Scanner RS 893 – Bundle Feed Scanner

The open-frame scan module RS 893 processes bundles of up to 50 cheques and integrates easily into Self-Service Kiosks and ATMs. The scan module RS 893 brings reliable and efficient document input to the self-service area. The device reacts when paper is inserted and starts processing automatically.



RS 893

www.reiner.de

Ernst Reiner GmbH & Co. KG
Baumannstr. 16
78120 Furtwangen/Germany
Phone: +49 7723 657-0
Fax: +49 7723 657-200
Email: reiner@reiner.de
www.reiner.de

Document Specifications:

- Width: 70 mm to 112 mm
- Length: 127 mm to 220 mm
- Weight: 70 to 120 g/m²
- Thickness: 0.07 mm to 0.15 mm

Optional: additional paper specifications on demand!

Performance:

- In-feeding tray for single documents and bundles of up to 50 documents
- Scan speed:
 - Greyscale or black/white
150 mm/s at 200 x 200 dpi
 - Full colour
100 mm/s at 200 x 200 dpi
- Transport speed: 500 mm/s
- Double feed and foreign object detection
- Thickness control
- Document transport control through sensors

Image Capture System:

- Two colour cameras (CIS) for front and rear sides
- Scan width: 107.69 mm
- Physical resolution:
 - vertical: 200 dpi
 - horizontal: 200 - 300 dpi
- Electronic filters: red, green, blue
- Image output: 1-bit b/w up to 24 bit full colour
- Image formats: .bmp, .jpg, TIFF G4

Magnetic Reader:

- For magnetic code lines (CMC7 or E13B)

Endorsement:

- Inkjet endorsement at the rear side
- Inkjet 12 nozzles technology
- Horizontal resolution: 7 or 10 or 14 cpi
- Character-height: 3.2 mm
- Font: similar to OCR-B
- Up to 80 Characters can be printed
- Vertical print position: 53 mm from the lower edge of the document

Interface:

- USB 2.0

Software:

- API Interface for Windows 2000, Windows XP, Windows Vista, Win7, Win8
- Linux
- WHQL certified
- IQA-API available
- Remote Firmware Update (unattended)
- XFS and J-XFS Service Provider available

Environmental Conditions:

- In operation:
 - Temperature: +10 °C to +40 °C
 - Humidity: 30 % to 70 %
- In store or during transportation (condensation free, foil-sealed, with desiccant/max 20 h).
 - Temperature: -40 °C to +70 °C
 - Humidity: 10 % to 90 %

Dimensions (W x D x H):

- Approx. 165 mm x 560 mm x 140 mm

Weight:

- 8.6 kg

Colour:

- Black

Noise:

- Approx. 62 dBA

Power:

- 24 V DC; < 3 A
(Optional power supply: 100 ... 240 VAC)

Approvals:

Conforms to:

- EMC-Guideline 2004/108/EG
Low-voltage guideline 2006/95/EG
- Type-approved according to:
EN60950-1:2006+A11:2009+A1:2010
+A12:2011
- cCSAUSA according to:
CSA 60950-1-07, 2nd Edition
UL 60950-1, 2nd Edition
- FCC Part 15

Options:

- Front side colour CIS camera with additional ultra-violet and/or infra-red channels
- Stacker unit RA 894-015 or -030 for up to 1.000 or 2.000 documents
- Reject pocket RR 895-000 or -030
- Roller stamp on the front side:
 - Print size: 14 mm high x 28 mm long
 - Vertical stamp position: factory-fixed, between 57 mm and 80 mm (document bottom edge to stamp middle)
 - Programmable horizontal stamp position
- External power supply

Other models available!