

Technical Specifications Scanner RS 891 – Single Feed Scanner

The open-frame scan module RS 891 integrates easily into Self-Service Kiosks and ATMs.



RS 891

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Document Specifications:

- Width: 60 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:

- Scan speed:
 - Greyscale or black/white
600 mm/s at 100 x 100 dpi
300 mm/s at 200 x 200 dpi
 - Full colour
150 mm/s at 200 x 200 dpi
- Transport speed: 500 mm/s
- Double-feed detection by thickness measurement

Image Capture System:

- Two colour cameras (CIS) for front and rear sides
- Scan width: 107.69 mm
- Physical resolution:
 - vertical: 200 dpi
 - horizontal: 100 to 300 dpi
- Electronic colour filters: red, green, blue
- Image output: 1-bit b/w up to 24 bit colour
- Image formats: .bmp, .jpg, TIFF G4

MICR reader:

- For magnetic code lines (CMC7 or E13B)

Endorser:

- Inkjet printer after the rear side camera
- Horizontal resolution: 7, 10 or 14 cpi
- Font height: 3.2 mm
- Font: similar to OCR-B
- Up to 80 characters can be printed
- Print position: 53 mm from document lower edge

Interface:

- USB 2.0

Software:

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

Environmental Conditions:

- During 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 without in-feed tray and adapter plate (W x D x H):

- Approx. 165 mm x 375 mm x 140 mm

Weight:

- 5 kg

Colour:

- Black

Noise:

- Approx. 62 dBA

Power:

- 24 V DC; < 3 A
(Power supply option: 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 for up to 1.000 or 2.000 documents, optionally lockable
- Stacker unit RA 897 for up to 300 or 600 documents, lockable
- 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 (from lower document-edge to stamp middle)
 - Programmable horizontal stamp position
- External power supply
- Customizable document in-feed tray and adapter plate

Other models available!