Cheques scanner 890\891

Technical Data

Self service Scanner:
It features:
- Feeding tray
- Document sensor before shutter
- Shutter
- Front side camera (RS 890)
- Front and rear side camera (RS 891)
- Mechanical Document alignment
- Document transport control
  - Position sensor
  - Double feed sensor
- Electronic alignment
- SCSI or USB 2.0 interface
- Complete scanner track can be opened

Dimensions, Weight, Color:
- Dimensions*: 160mm (6.3") x 375mm (14.76") x 140 mm (5.51") (L x W x H)
- Weight: 5.5 kg (12.13lbs)
- Color front plate: black

Noice:
- approx. 62 dBA

Document Specifications:
- Height: 60mm (2.36") to 110mm (4.33")
- Length: 127mm (5") to 220mm (8.66")
- Weight: 70 to 120g/m²
- Thickness: 0.07mm (0.0028") to 0.12mm (0.0047")
  - Optional: additional paper specifications on demand

Electrical Power:
- 24 V DC; < 3 A

Reliability:
- MTBF   > 40.000h
- MTTR   < 1h
- Life cycle > 1.000.000 documents

Document Transport:
- Scan speed (while the document is under the camera):
  - 604mm/s (23.78"/s) at 100 x 100dpi grey
  - 302mm/s (11.89"/s) at 200 x 200dpi grey
  - 302mm/s (11.89"/s) at 100 x 100dpi color
  - 151mm/s (5.94"/s) at 200 x 200dpi color (when using at least one filter)
  - 100mm/s (3.94"/s) at 200 x 200dpi fullcolor
- Transport speed: 500mm/s(19.69"/s)
- Transport control with thickness sensor (double feed control) and photo sensors

Image Capture System:
- CIS Color sensors for front- and rear- side
- Scan window height: 109,7mm (4.32")
- Physical resolution vertical: 200dpi; horizontal: 100 to 300dpi
- Dropout colors: red, green or blue
- Image output:1Bit b/w until 24 Bit color
- Image formats: .bmp, .jpg, TIFF G4
- 1 contact sensor on RS 890; 2 contact sensors on RS 891

Electrical Interface:
- SCSI II or USB 2.0 (60MB/s),

Software:
- TWAIN 1.8 Interface for Windows 2000, Windows XP, Windows Vista**
- Firmware-update with download

Environmental Conditions:
- During operation:
  - Temperature: +10°C to +35°C
  - Humidity: 30% to 70%
- In stock or during transportation:
  - Temperature: -40°C to +70°C
  - Humidity: 10% to 85%

Safety Regulations:
- CE accord. EMC regulation 98/13/EEC
- GS-compliance accord. EN 60950-1
- CSA accord. CAN/CSA-22.2 No. 60950

Options:
- Stamp** on rear side; printing plate dimensions: 40mm (1.57") x 24mm (0.94")
- MICR reader für recognizing E13B - and CMC7 - fonts
- Retrofittable Stacker unit RA 894 for deposit of up to 1000 or 2000 documents
- Endorsing on document´s rear side
  - Ink-jet printhead with 12 nozzles just ahead of the rear side camera
  - Horizontal resolution: 7 or14cpi
  - Fontheight: 3mm (0.2")
  - Font: similar to OCR-B
  - Printing can start on the left edge of the document (max 80 Characters)
  - Printposition: 55mm (2.17") starting from the lower edge of the document
- Power supply for the RS 890/891
- User specific shutter plate

* Dimensions without feeding tray and shutter plate
** on demand