



LS100

The Teller Station and Walk-in Payments Scanner

The LS100 is CTS's affordable teller station and walk-in payments scanner with an optional auto feeder. This compact device enables you to achieve the benefits of Check 21 and ACH by truncating paper, eliminating data entry and decreasing payment clearing times. Configurable and flexible to meet your specific requirements, the LS100 features codeline reading, grayscale and /or color imaging, speed of up to 52 documents per minute, voiding, endorsing, and much more. Its small size, low cost of ownership and superior image quality make it the ideal scanner for capturing check images at the earliest point of presentment.

The LS100 is a low- to mid-volume reader scanner designed to capture codelines and images of commonly used banking documents, including checks, coupons, vouchers, etc. It can read MICR and OCR codelines and capture front and rear images all in a single pass. Options include: user-friendly automatic document feeder; high-resolution inkjet printer to print a user-definable endorsement on the back of the document; self-inking front stamp for document voiding; OCR reading from image by onboard scanner recognition engine; color font and rear imaging (in addition to grayscale); and magnetic badge/card reader.

The small footprint offered by the LS100 combined with its user-friendly design, quiet operation, and configuration options make it ideal for crowded teller windows and retail point-of-sale locations. It contains all of the key functions necessary for use in check truncation, check image exchange, and ACH applications.



- **Compact reader scanner for Check 21, ACH and other banking applications**
- **Countertop system with a small footprint**
- **Automatic document feeder available for up to 15 documents**
- **Superior codeline reading and imaging (color imaging available)**
- **Speed of up to 52 documents per minute**
- **Optional voiding and endorsing**
- **Document hold and reprocess (using independent processing options) capabilities**
- **Configurable and flexible to meet customer requirements**
- **User-friendly, ergonomic design**



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Technical Specifications

PAPER HANDLING

- Manual single document drop feeder or optional automatic document feeder for up to 15 documents
- Reading speed: up to 19.69 in. (500 mm) per second
- Memory buffer: up to 128 Mbits
- Throughput: up to 52 documents per minute
(depending on interface and configuration)
- Output pocket: 15 document capacity

DOCUMENT SPECIFICATIONS

- Length: 3.94 to 8.50 in. (100 to 216 mm)
- Height: 1.97 to 4.17 in. (50 to 106 mm)

IMAGE CAPTURE

- Front and rear imaging cameras
- 16 or 256 grayscale, 100 or 200 dpi
- Red-green-blue illumination
- Image output by software to JPG, BMP or TIFF formats
- B/W by fixed threshold or by adaptive threshold 1-D and 2-D
- 24-bit color imaging available, 100 or 200 dpi; grayscale and B/W imaging remains available *(only in USB 2.0 version)*

MICR CODELINE READING

- E13B and CMC7 magnetic codelines

OCR CODELINE READING

- OCR and E13B characters
- OCR reading by software from image
- Future planned option for OCR reading by onboard scanner recognition engine

INTERNAL BADGE READER

- Magnetic stripe tracks 1&2, 2&3 or 1&2&3

VOIDING AND ENDORSING

- Self-inking front stamp for voiding
(only available without optional automatic feeder)
- High-resolution rear inkjet printer for variable endorsing on the back of the document

AVAILABLE INTERFACES

- USB 2.0 and Serial RS232C standard
(only one interface connection can be used at a time)

POWER SUPPLY

- Standard external wall plug adapter
- 100-240 V, 30 W, 50-60 Hz
- On/Off switch on device

DIMENSIONS

- Length: 8.46 in. (215 mm)
- Width: 4.92 in. (125 mm)
- Height: 6.30 in. (160 mm)
- Weight: 2.65 lb. (1.2 Kg), excluding power supply

ENVIRONMENTAL CONDITIONS

- Operating temperature: 50° to 104° F (10° to 40° C)
- Humidity: 20% to 80%, non-condensing
- Noise level: <55 decibels

CERTIFICATIONS

- CE, CSA C & US, FCC
- Safety: EN 60950

About CTS North America, Inc

CTS North America, Inc. is committed to helping banks, credit unions, utility companies, county treasurers, and other check intensive organizations streamline operations by using check imaging hardware at the point of presentment. Since 1980, CTS has remained the leading manufacturer of check scanners and imaging solutions for the teller windows, back offices, self-service systems and retail point-of-sale counters. The company has successfully installed more than 250,000 document readers, and over 80,000 scanners, at the end user locations across five continents. To schedule a product demonstration contact BLM Technologies, Inc.

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