



# TELLERSCAN<sup>®</sup> 300

## Teller Window Check Scanner

*For Large Financial Institutions Worldwide*



*The intelligent autofeeder is a key feature of the TellerScan 300.*

### Features:

- **Motorized "Intelligent" Autofeeder**
- **High Speed Scanning**  
*(Up to 80 checks per minute)*
- **Two Output Pockets**
- **Automatic MICR Reader**
- **Highest Quality Images**
- **Windows 32 Bit API**
- **Optional Inkjet Endorser**

### For teller window scanning:

◆ Digital Check's TellerScan 300 blends scanner technology with high volume production to provide a low cost, teller scanner. The TS-300 is a reliable, compact, high speed two-sided front counter scanner with a unique motorized "intelligent" autofeeder and multiple pockets. The TS-300 handles a broad range of checks, giros, and other small financial documents. Needing just 7 x 12 inches of countertop space, its 'horseshoe' transport fits easily into even the smallest teller window or payment processing environment.

### For branch scanning:

◆ Whether used by individual tellers or shared, the TS-300 meets the needs of large financial institutions around the world. These organizations are realizing savings and improved customer service by capturing check images and MICR data at the branch.

### Motorized "Intelligent" Autofeeder:

◆ The 25 item, motorized "intelligent" autofeeder incorporates a microprocessor controlled feeder and infra-red sensors to provide optimal feeding of all types of items.

Whether single or multiple checks are inserted, the "Intelligent Feeder" detects the presence of the documents and automatically adjusts the pressure to the best level for trouble free feeding of the items into the transport.

When no documents are present, the feeder automatically opens to allow quick insertion of one or multiple items. This makes it ideal for scanning small batches of items in a teller or remittance environment.

### High Speed Scanning and MICR reading:

◆ The TellerScan 300 includes two-sided, duplex check scanning utilizing

dual cameras as a standard feature. It's simple straight through transport moves checks at up to 80 items per minute providing sub-second scan rates while automatically reading E13B or CMC7 MICR codelines.

### Two output pockets:

◆ The second pocket allows selectable sorting or MICR rejects based on application requirements.

### Endorser option:

◆ Optional, programmable ink-jet endorser prints custom endorsement information, dates, and sequential numbers.

### SCSI –

### The flexible alternative:

◆ The SCSI-2 interface allows the scanner to run at full speeds due to its high data transfer rates. Other advantages include: low cost, off-the-shelf interface boards; direct connection to a PC workstation; immediate image quality checking on the controlling monitor; flexibility for network or non-network environments. You can even connect more than one scanner to a single PC!

### Highest quality images:

◆ Images can be output in standard Group IV-TIFF, JPEG, or bitmap formats. The anti-skew transport combined with 200 dpi resolution and effective thresholding improves OCR/ICR recognition and readability. If required, up to 256 shades of gray can be used to further lift recognition rates and legibility.

### Reliable and durable:

◆ The TellerScan 300 transport is designed to scan millions of items. On board diagnostics, power-on self testing, and an easy to service modular design ensures reliable, problem-free operation. The straight through transport passes the two imaging cameras only once, leading to improved reliability.



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## Teller Window Check Scanner

### Specifications

#### Product Features

**Paper Size:** Up to UNI A6

**Document Height:** 2.16" - 4.13" (55-105mm)

**Document Length:** 2.95" - 9.0" (75-230mm)

**Document Weight:** 16-32 lb. (60-120 grams/sq.meters)

**Motorized "Intelligent"**

**Autofeeder Capacity:** Approximately 1-25 items  
(depending on document thickness and condition)

Feeder can be opened manually to hold up to 80 items.

**Output Pockets:** 2 standard

Main Pocket - Approximately 80 item capacity

Second Pocket - 10-15 item capacity

**Scanning Method:** Concurrent two-sided duplex (front & rear)

**Cameras:** 2 x 840 cell, 105mm contact CCD

Light source: Green LED

**Double Feed Detection:** Infra red based transmissive device.

Software adjustable programmable doublefeed delay performs skip-over function.

**Scanning Speeds & Resolution (dpi):**

Black & White (bitonal) and Grayscale –

200 x 100 dpi; 39.37 inches/sec (100 cm/sec)

200 x 200 dpi; 19.69 inches/sec (50 cm/sec)

Grayscale only – 100 x 100 dpi; 39.37 inches/sec (100 cm/sec)

**Grayscale Image Depth:**

4 or 8 bits/pixel (16 Or 256 shades of gray)

**Throughput:** up to 80 (6" - 15.2 cm) documents per minute

Depends on scanning mode selected and power of host computer

**SCSI Interface:**

SCSI-2. ID selectable at scanner (default is SCSI ID2)

**Image Compression:**

G IV bitonal or JPEG grayscale

Performed by software running on workstation

**Image Transmission:** Via SCSI port

**MICR Recognition:**

MICR recognition for E13B  
or CMC7 standards

#### Software Tools & Support Services

**Software Tools:**

API Toolkit – 32 bit, Windows '98, 2000

NT service pack 6 or later, XP

#### Diagnostic Features

**On-Board Diagnostics:**

Tests complete functionality of the scanner

**Power-On Self Testing:**

Automatic self-testing when powering on the unit

**Serviceability:**

EEPROM allows monitoring hours of operation and total cheque count

Flash EEPROM allows easy upgrade of functionality

#### Environmental & Electrical Features

**Electrical:** Power consumption: 75 watts

Input voltage: 115 VAC (+/- 10%), 60hz - US domestic

230 VAC (+/- 10%), 50hz - inter-

national

Separate standard power supply

UL, CE approved

**Product Life & Duty Cycle:**

Designed for useful life of 20 million checks

Duty cycle: 3,000-5,000 checks per day

MTTR (Mean Time To Repair): 30 minutes

**Environmental:**

Temperature (operating): 60° – 90° F (15° - 32° C)

Humidity (operating): 35%-85% (non-condensing)

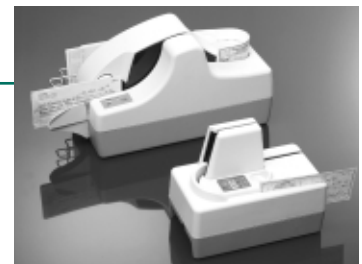
Scanner Dimensions:

Height - 7.50 inches (19cm)

Depth - 8.25 inches (18.5cm)

Length - 12.75 inches (32.5cm)

Weight - 9.75 lbs. (4.4kg)



For more information about this product and others,  
contact your NCR Sales Representative  
or call: **1-800-Call NCR**

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*Learn more about NCR's scalable family of transports on our website at  
[www.ncr.com/products/hardware/pay\\_platform.htm](http://www.ncr.com/products/hardware/pay_platform.htm)*