



# TELLERSCAN<sup>®</sup> 215

## Compact, Reliable Check Scanner

*For Low Volume Corporate and Merchant Capture*



### Features:

- **High-quality, low cost, single-feed check scanner for small volumes**
- **Ergonomic design with reliable, quiet single-pass transport**
- **Highest quality images for reliable fast clearing**
- **Improved Best Read<sup>®</sup> MICR for maximum accuracy**
- **Easy integration - common API and remote support**
- **Upstream endorsement facilitates Check 21 image exchange**

### Designed for low volumes:

◆ The TellerScan 215 (TS 215) leverages Digital Check Corporation (DCC)'s experience in demanding applications to utilize the most advanced design for distributed check capture on the market today. Designed expressly for small volume applications, DCC's TS 215 single-feed scanner creates the highest quality images for both sides of a check in just about one second. Utilizing the drop-in feeder an operator can scan 30 checks/minute, making the TS 215 the ideal scanner for these low volume applications.

### Ergonomic design for branch or corporate environments:

◆ The TS 215's quiet operation does not distract from customer service or office activities. Using just 5" x 8 1/2" of desktop or counter space, it fits neatly into limited space environments. A short U shaped transport path, with separate front and rear scan heads, provides smooth operation and high reliability.

◆ The jam resistant drop-in feeder is ergonomically designed to ensure fast and easy operation. The transport even handles 'thick' postcard style checks, and the exit pocket tabs keep multiple checks of varying sizes neatly stacked in order.

### Highest quality images:

◆ Dual tricolor CIS imaging modules provide the highest image definition available with today's countertop check scanners. As each check is scanned, it is analyzed before adaptive thresholding into black and white using proprietary software technology to sharpen the edges of characters. This provides a clear, easy to read image that supports Check 21 Image Quality and Usability (IQA & U) standards. Combined with an anti-skew transport, this gives superior CAR/LAR (Courtesy and Legal Amount Recognition), OCR/ICR recognition of machine print, signatures, and name/address information.

Challenging items – checks with complex backgrounds or with faint printing – may be optionally captured and stored in grayscale or color for research and better customer service.

### Improved Best Read<sup>®</sup> MICR:

◆ The TS 215 advances DCC's Best Read<sup>®</sup> MICR technology with improved algorithms. The integrated magnetic MICR reader passes the codeline information to the controlling PC, using the high-speed USB2 link for decoding and maximum accuracy through OCR enhanced proprietary multiple verification techniques. This delivers the highest MICR accuracy read rate on these types of scanners in the industry today.

### Easy to integrate - common API & network upgradeability:

◆ DCC's TellerScans are designed to be quick and easy to integrate with USB2 plug-and-play connection. A common API allows all TellerScan scanners to operate from the same code, reducing your implementation time and software maintenance costs. Adding a scanner to the installation or updating to new hardware within the organization becomes a snap. Support tools can log errors regardless of the scanner so that they can be interrogated remotely. Should an enhanced version of firmware be released, each scanner can be updated remotely over the network.

### Programmable upstream endorsement for Check 21 image exchange:

◆ The programmable inkjet endorser prints downloaded endorsements (dates, sequential numbers, logos, etc.) on the back of the checks before scanning. This pre-scan non-contact endorser uses commonly available high capacity HP ink cartridges, enabling checks to be image truncated at the earliest stage. The endorser's crisp legible endorsement, captured with the image of the check, is ideal for Check 21 image exchange.

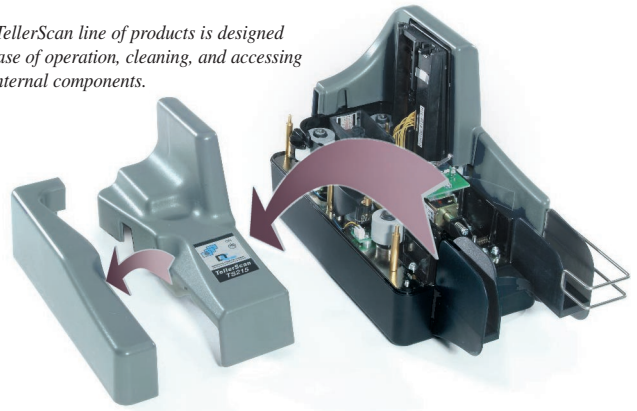


*Providing Check Scanning Solutions & Check Scanning Equipment Worldwide*

# TELLERSCAN<sup>®</sup> 215

For Low Volume Corporate and Merchant Capture

The TellerScan line of products is designed for ease of operation, cleaning, and accessing the internal components.



## Specifications

**Unit Size:** 5.1" x 8.6" (paper trays add 2-3 inches)

**Paper Size:** (Up to UNI A6)

**Document Height:** 2.12" - 4.17" (54-106mm)

**Document Length:** 3.19" - 8.97" (80-228mm)

**Document Weight:** 16-120 lb. (60-500 grams/sq.meters)

**Scanning Method:** Concurrent Two-sided Duplex

**Image Creation:** 2 x 850 cell, 108mm CIS

**Light Source:** Tricolor LED

**Endorser:** Programmable ink jet, prior to scan, 12 dots/ch height  
Variable fonts, supports graphical BMP printing

**Estimated Yield:** From 5-7M characters

**Cartridge:** Hewlett Packard 6602A

**In-Line MICR Recognition:** MICR recognition firmware for  
E13B (USA & UK), CMC7 (European), CMC0 standards  
Magnetic MICR waveform passed to PC  
MICR codeline data available as a separate file or in image header  
MICR optical verification built into the interface

**Transport Speed:** 19.7" (50 cm) per second

**Scanning Performance:**

The typical scan speed is just over one second per 6" document  
Depending upon the PC speed and using the recommended USB 2.0  
connection, an operator could feed 6" checks at almost 30 dpm

**Standard Interface:**

Standard USB2.0 (recommended)

Compatible with USB1.1 with performance limitations

**Image Capture:**

24-bit (16m shades) - color

8-bit (256 levels) - grayscale

1-bit black and white or 4-bit grayscale, software selectable through API

**Image Resolution:**

200 x 200 dpi (508 x 508 dots/cm)

100 x 100 dpi (254 x 254 dots/cm)

200 x 100 dpi (508 x 254 dots/cm)

(V x H) software selectable through API

**Image Formats & Compression:**

TIFF Gp/4, JPEG, or BMP via custom software running on workstation

Automatic image cropping

## Diagnostic Features

**Diagnostic Tools:** Allows for full testing of scanner functionality

**Serviceability:** Flash EEPROM allows easy upgrade of functionality

## Firmware

Uses the TS 230 firmware.bin with API 8.22 or later

(Firmware file resides on the local PC for easy remote update capability)

## Software Tools & Support Services

**Software Tools:** API Toolkit 32 bit

**Required Operating System:** Windows 2000, Windows XP

**Required DLL:** TS2dll.dll which comes with API v 8.22 or later

## Environmental, Reliability, & Electrical Features

**Electrical:** Power consumption: 45VA

**Input Voltage:** 100 to 240 VAC (+/- 10%), 50/60hz

**Separate Standard Power Supply:** Auto sensing for voltage

**Product Life & Duty Cycle:**

Designed for a useful life of over 2,000,000 items

**Duty Cycle TS 215:** 100 - 500 items per day

**Mean Time To Repair (MTTR):** 15 minutes

**Environmental:**

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

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

**Unit Dimensions:**

**Height** - 6.6" (17cm)

**Depth** - 5.1" (13cm)

**Length** - 8.6" (21.7cm)  
(11" - 27.9cm incl. I/O trays)

**Weight** - 4.4 lbs. (2kg)

**Certifications:** UL, CE



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