

TELLERSCAN® TS4120

Fast and Reliable Back Office Check Scanner

TS4120 FEATURES

- Scans Up to 120 Checks Per Minute
- High Speed, 100 Check Auto Feeder
- 2 Software Selectable Sort Pockets
- 2 Sort Pockets Hold 100 Checks Each
- Single Line Rear Inkjet Printer
- Advanced Infrared Double Feed Detection
- MICR Reader with OCR Compare
- 200 dpi Color Image Cameras
- Uses Common DCC Application Interface

The TellerScan TS4120 is a fourth generation, batch scanner design that embodies all the features required for distributed check capture today. The TS4120 is designed to work with the checks found in today's banking systems.

PERFORMANCE

The TS4120 is an ideal scanner for branch capture and large remote deposit applications. The TS4120's quiet operation accommodates back counter production scanning where noise can interfere with customer service. The scanner is fast, with speeds up to 120 checks per minute. It quickly captures batches of checks and allows operators to get back to working with customers. With its small footprint, short U-shaped transport path and software selectable exit pockets, the TS4120 provides smooth operation for optimal check image capture and high reliability. The large exit pockets keep batches of checks in order, including both personal and business checks.

OPERATOR FRIENDLY

A jam-resistant feeder combined with an infrared double feed sensor protects against piggybacked or missed items. The transport can even process thick checks such as postcard 'rebate' checks sent through the mail. A single central cover gives easy access to the inkjet printer and cameras for cleaning. Digital Check's experience in engineering and manufacturing refinements has made the TS4120 Digital Check's best value in back office check scanners.

IMAGE QUALITY

The TS4120's two cameras create very sharp 200 dpi images. The images are then processed in our API to create the final image that is passed to your application. The Best Read™ Image thresholding in our API analyzes each check individually to maximize image quality and resulting CAR/LAR recognition and to minimize user intervention resulting from poor image quality.

SUPPORT

Digital Check provides a broad range of technical support services including diagnostic tools, problem determination tools, toll free hotline support, depot repair and optional service programs such as our next day replacement service.

DCC'S PROVEN API

Further enhancing the functions of the TS4120 scanner is our feature rich Application Interface (API).

Popular API features include:

- Virtual Endorsement
- Best Read™ MICR with OCR recognition
- Best Read™ Image with adaptive thresholding
- Remote Monitoring
- Special Document Thresholding for hard to read checks
- Special Document Thresholding for hard to read checks based upon ABA and / or account number
- Automatic image rotation



THE SECURE CHOICE™

TELLERSCAN® TS4120

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SPECIFICATIONS

Unit Size:

Height: 7.00" (17.78 cm)
Depth 8.25" (20.95 cm)
Length: 12.75" (32.38 cm) (Tray adds 2.5")
Weight 9.75 lbs. (4.42 kg)

Paper Size: (Up to UNI A6)

Document Height: 2.12" - 4.13" (54 - 105 mm)
Document Length: 3.19" - 8.98" (81 - 228 mm)

Document Weight:

16 - 32 lb. bond (60 - 120 gsm)

Document Thickness:

0.0032" - 0.0058" (0.081 - 0.147 mm)

Printer: Programmable, single line inkjet printer with user replaceable cartridge

In-Line MICR Recognition: Bi-Directional (Magnetic Ink Character Recognition) for E13B (North America) and CMC7 (Europe)
Optical Character Recognition to enhance MICR Read, further enhanced using DCC's Best Read™ API function

Transport Speed: 19.69 inches per second (50 cm)

Standard Interface: Standard USB 2.0

Supported Compression:

JPEG (24 bit color, 8 bit Grayscale)
BMP (24 bit color, 4 or 8 bit Grayscale)
TIFF Group 4 B/W

Image Resolution Optical:

200 x 200 dpi - 8 bit Grayscale
200 x 200 dpi - 24 bit Color

Image Resolution by Software Scaling:

100 x 100 (Scan at 200 dpi and scaling down to 100)

Scanning Method: Concurrent Duplex (Front & Back Modules)

Scan Module: Contact Image Sensor (CIS)

Resolution: 200 dpi (850 Pixel Linear Array)

Light Source: Tri-Color LEDs

SUPPORTED OPERATING SYSTEMS

Supported Operating Systems:

Windows® 2000, Windows® XP, Windows Vista® (32 / 64 bit)
Ubuntu® 7.05, Red Hat AS - Version 5, OpenSuse

ENVIRONMENTAL / RELIABILITY / ELECTRICAL FEATURES

Electrical: Power consumption: 45 Watts

Input Voltage: 100 to 240 VAC, 50/60 Hz

Separate Standard Power Supply: Auto sensing for voltage

Product Life & Duty Cycle: Designed for a useful life of over 3,000,000 items

Mean Time To Repair (MTTR): 30 minutes

Environmental:

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

Operating Humidity: 35 - 85% non-condensing

Certifications:

Safety: UL, CE

FCC: Class B (Industrial, Business or Home)

RoHS Compliant



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