

TellerScan® TS230

A Digital Check® Scanner



Want a check scanner with a small footprint
for high volume remote deposit capture?

YES

Fast, quiet and reliable countertop check scanner

The TellerScan TS230 family of scanners are used by major US banks and Treasury Management corporate customers to scan millions of checks each month. The TS230-35 and TS230-65, are ideal for teller windows and environments that need to process deposits throughout the day or in a narrow time frame. The faster TS230-100 is ideal for the commercial window of banks, the back counter of small branches or for high volume remote deposit capture. The TS230 family is one of the most reliable scanners on the market with less than half of a percent warranty claim rate. The TS230 can deliver higher MICR read rates and image quality in competitive tests using the CAR/LAR read rates as an accurate measure.

• Performance

The TS230 scanners quiet operation is ideal for teller operation or treasury office activities. With a footprint of just 5" x 8 1/2", the TS230 is one of the smallest scanners in the industry. The short U shaped transport path provides smooth operation for optimal feeding and high reliability. The proven, jam resistant feeder combined with a sophisticated double feed detection system analyzes suspect items in real time, avoiding false double feeds.

• Image quality

The TS230's two cameras create very sharp 200dpi images that are then processed in our API to create the final image. The Best Read™ Image thresholding, analyzes each item individually to maximize image quality and resulting CAR/LAR recognition and minimize user intervention resulting from poor image quality.

• Best read MICR

The TS230's proven MICR read electronics combined with our API's Best Read MICR technology set the bar for MICR read rates. The TS230's MICR reader captures and passes the codeline information to the API where the MICR characters are decoded through three proprietary algorithms. The Best Read MICR is compared to an OCR read of the MICR data based upon confidence levels, to deliver the highest MICR accuracy read rate for countertop scanners in the industry.



For more information, visit www.ncr.com,
or email financial@ncr.com.

Key Features

- Three Models: 35 items per minute, 65 items per minute, 100 items per minute
- Field upgradable speed
- Renowned reliability
- Jam resistant feeder with Infinity™ Feed
- Front and back color cameras
- Space saving design
- Endorse before scanning for Check 21
- Industry leading image quality for highest CAR, IQA and ICR rates

Why NCR?

With over 40 years of experience and knowledge, NCR is a leading global provider of payments, assisted- and self-service solutions. NCR has been the global number one manufacturer of ATMs for more than 22 consecutive years. We help our clients around the world improve their customer interactions, implement change quickly and proactively, and transform their businesses to become leaders and change agents. We can help you, too.

Technical Specifications

DIMENSIONS

- HEIGHT 6.60" (16.76cm)
- DEPTH 5.10" (12.95cm)
- LENGTH 8.60" (21.84cm)
(tray adds 2.5")
- WEIGHT 4.41lbs. (2.00kg)

DOCUMENT SIZE

- Height: 2.12" – 4.13" (54 – 105mm)
- Length: 3.19" – 8.98" (81 – 228mm)
- Weight: 16 – 32lb. bond (60 – 120gsm)
- Thickness: 0.0032" – 0.0058" (0.081 – 0.147mm)

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 (50cm)
- TS230-35/35 documents per minute
- TS230-65/65 documents per minute
- TS230-100/100 documents per minute

STANDARD INTERFACE

- Standard USB 2.0

SUPPORTED COMPRESSION

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

IMAGE RESOLUTION

- Optical: 200 x 200dpi - 8bit grayscale, 200 x 200dpi - 24bit color
- Software scaling: 100 x 100 (scan at 200dpi and scaling down to 100)

SCANNING

- Scan method: Concurrent two-sided duplex (2 scan modules)
- Scan module: Contact Image Sensor (CIS)
- Resolution: 200dpi (850 Pixel Linear Array)
- Light source: Tri-color LEDs

SUPPORTED OPERATING SYSTEMS

- Windows® 2000/XP/Vista® (32/64bit)
- Ubuntu® 7.05, Red Hat AS–Version 5
- Required DLL: DLLs included with API v8.5x or later

ELECTRICAL

- Power consumption: 45Watts
- Input voltage: 100 to 240VAC, 50/60Hz
- Separate standard power supply: Auto sensing for voltage

RELIABILITY

- Product life & duty cycle: Designed for a useful life of over 2,000,000 items
- Duty cycle TS230-35: Up to 2,000 items per day
- Duty Cycle TS230-65: Up to 4,000 items per day
- Duty cycle TS230-100: Up to 6,000 items per day
- Mean time to repair: 15 minutes

ENVIRONMENTAL:

- Operating temperature: 60°F - 90°F (15°C - 32°C)
- Operating humidity: 35 - 85% non-condensing

CERTIFICATIONS:

- Safety: UL, CE
- FCC: Class B (industrial, business or home)



Experience a new world of interaction

TellerScan TS230

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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Patents Pending

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