



- Prints Receipts in Less than a Second
- Quiet
- Lower Operating Cost Compared to Inkjet or Dot Matrix
- Customizable Receipts
- Saves Valuable Countertop Space

## Space-Saving. Cost-Reducing. Proven.

It takes several devices to run a teller station – computers, scanners, printers, card readers, PIN pads, and whatever else you might need for your particular branches. Digital Check brings these functions together in a single footprint with the TS500 scanner, featuring ID and optional magstripe card readers, and its Teller Transaction Printer (TTP).

### Thermal Printing – Not Dot Matrix or Inkjet

Our TS500 TTP thermal printer uses the latest in thermal technology, improving speed over traditional printing with a lower cost of ownership. For more about how thermal printers measure up against inkjet and dot matrix devices, see our detailed comparison on the back.

### Introducing the Modular Teller Window

The TS500 TTP is designed to have a TellerScan TS500 scanner sit right on top of it, freeing up extra counter space. The TS500 TTP is connected using USB and power crossover cables direct from the TS500 requiring only a single power and USB cable from the device.

### Fast, Quiet, and Low-Maintenance

Most receipts print out in less than a second, with none of the noise of dot matrix printing. With no ribbons or ink cartridges, and few moving parts, the TS500 TTP has been tested to last for over 3 million prints. The only thing you need to change is the paper.

### Print Custom Receipts

The TS500 TTP receipts can be customized using standard text, images, and a full range of design elements. Utilize the complimentary ReceiptWare<sup>SM</sup> software to add your logo, watermarks, as well as personalized marketing messages to each receipt.

### Uses Standard Supplies

No special proprietary paper or parts are needed – the TS500 TTP uses standard thermal paper rolls that actually cost less than plain cut receipt paper. There are no ribbons or cartridges to replace.

## Thermal Printing: Faster and Less Expensive than Using Inkjet or Dot Matrix

With conventional printers, it's expected that every once in a while, you'll have to replace "consumables" such as ink cartridges, printer ribbons as well as paper. Individually, the cost isn't a lot, but over time it adds up. How much could you expect to spend on ink at a typical bank branch?

The lifespan of ribbons and ink cartridges for receipt printers is measured in millions of printed characters, with an average ribbon lasting for about 3 million and an ink cartridge anywhere from 7 million to 20 million depending on its size. A typical bank receipt might have 300-400 characters. Therefore, you can expect a ribbon to last for at most 10,000 receipts, and a cartridge somewhere between 20,000-50,000.

A bank branch typically deals with a couple hundred customers per day, and prints twice that many receipts. That means a ribbon might last a month, and an ink cartridge would need to be replaced every three months on average. At \$3 per ribbon, or \$20-\$40 for a cartridge, that adds up to as much or more than the device's purchase price over its lifespan. The table on the right is intended to simulate costs for a single branch, a mid-sized community bank of about 20 branches, and a regional bank of 200 branches.

Thermal printers do not use inkjet cartridges or ribbons and require only the thermal roll paper itself, which costs about the same as regular paper. Over time, it's an investment well worth making.

### Yearly Cost of Consumables

| Receipts Per Day | Dot Matrix Printer | Inkjet Printer | TS500 TTP |
|------------------|--------------------|----------------|-----------|
| 500              | \$40               | \$125          | \$0       |
| 10,000           | \$800              | \$2,500        | \$0       |
| 100,000          | \$8,000            | \$25,000       | \$0       |

## Faster and Quieter than Other Types of Printers

An average dot matrix receipt printer operates at 5-6 lines per second, or about 1.5 vertical inches. Inkjet printers are faster, typically managing 12-14 lines per second.

Thermal printers are in a whole different class, running at 40 lines or more per second – about 10 inches of vertical type. Most of your receipts will be finished in one second or less.

Thermal printers also have the lowest noise output of any style printer on the market.

## PRODUCT SPECIFICATIONS

### Size (Combined with TS500 - TS500 scanner sold separately)

H: 12.25" (31.12 cm) W: 6.5" (16.51 cm) L: 9.5" (24.13 cm)

Weight: 5.2 lbs. (2.35 kg)

### Print

Method: Direct Thermal

Color: Monochrome

Speed: (Monochrome) 13.78" (35 cm) per second

Resolution: 203 dpi

Cutting Knife: Ceramic, Rotary

Receipt Columns: 44-56

### Standard Media

Paper Roll Diameter: 3.15" x 3.27" (80mm x 83mm)

Other Paper Widths: 2.28" (58 mm), 2.36" (60 mm), 3.24" (82.5 mm)

Paper Status Indicator: Out and Low

### Built-in Memory

RAM: 8 MB

Flash: 8 MB

### Connectivity

Standard USB 2.0 cable and power crossover cable included

### Standard Warranty

3 year warranty

### Product Life

Printlines: 72 million

Knife Cuts: 3 million

### Electrical

Power Consumption: 2.3A

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

Separate Standard Power Supply: Auto sensing for voltage

### Environmental

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

Operating Humidity: 35 - 85% non-condensing

### Certifications

Safety: UL, cUL, CE

FCC: Class B (Industrial, Business or Home)

EMC: IEC CE

RoHS, WEEE Compliant

**Driver Support:** Windows®, OPOS and JPOS for Linux



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