

# Zebra® TTP 2000™ Series



Heralding a new generation in kiosk printing solutions, the TTP 2000 series packages the latest reliability and performance features into one of the most compact kiosk printer models on the market. It also provides excellent reliability for kiosks—with features like the guillotine cutter, jam-preventing loop presenter, tear-preventing pull detector, and retract-and-retain function that protects customers' private information by retracting any printouts left behind. With its variety of media roll locations (above, behind, and below), its compact size, and its vertical configuration option, the TTP 2000 offers a flexible solution for kiosk integration.

Typical applications for the TTP 2000 include loyalty and discount vouchers, vending and photo kiosk receipts. The TTP 2000 handles paper widths between 2.28"/58 mm and 3.25"/82.5 mm, and is available with a parallel, USB, or serial interface.

## Zebra Kiosk Receipt Printer Advantages

### Unremitting Reliability to Keep Kiosks Printing

Optimized for tough printing environments where durability, reliability and minimal maintenance and ease of use are critical, Zebra printers maximize uptime and minimize upkeep.

### Easy to Integrate in Kiosk Designs

A small footprint and flexible mounting options make Zebra printers ideal for a variety of applications—whether embedded in a custom kiosk solution or Zebra's Kiosk Print Station.

### End Benefits

As part of a self-service kiosk solution, Zebra printers help companies improve service, raise customer satisfaction, increase revenue, and lower operational costs.



# SPECIFICATIONS AT A GLANCE\*

## Printer models

TTP 2010™, TTP 2020™, TTP 2030™

## Standard features

- Direct thermal receipt printing for 2.3"/58 mm to 3.25"/82.5 mm width media
- Looping presenter with pull detector and retract & retain function
- Auto media loading
- Various media mounting options for flexible kiosk design, up to 9.8"/250 mm dia. media rolls
- USB, parallel or RS232 serial connectivity
- 203-dpi printing
- Windows® drivers for plug and play
- Prints any font, code-page, bar code, and graphics supported by the operating system

## Printer specifications

### Resolution

203 dpi/8 dots per mm

### Max print width

2.8"/72 mm

### Max print length

23.6"/600 mm

### Print speed

6"/150 mm per second



## Media sensors

Out-of-paper sensor, paper in presenter, paper in retract path, black mark, and input for external paper-low sensor

## Media characteristics

### Paper width

2.3"/58 mm, 2.4"/60 mm, 3.15"/80 mm, and 3.25"/82.5 mm supported

### Maximum media roll

9.8"/250 mm

### Media thickness

0.002"/0.054 mm to 0.004"/0.1 mm

### Media types

Roll or fanfold paper

## Operating characteristics

### Environmental

- Operating Temp.: 14° F/-10° C to 122° F/50° C
- Storage Temp.: 14° F/-10° C to 122° F/50° C
- Operating Humidity: 10% to 95% non-condensing
- Storage Humidity: 10% to 95% non-condensing excluding paper

### Electrical

24Vdc +/-5% average 2A when printing

## Physical characteristics

- Width: 4.1"/105 mm
- Height: 2.6"/65 mm
- Depth: 5.7"/145 mm
- Weight: 2.4 lbs/1.1 kg

## Fonts/Graphics/Symbologies

### Bar Codes

EAN, UPC, Interleaved 2-of-5, ISBN, Code 39, Code 128 and 2-D PDF417

### Graphics

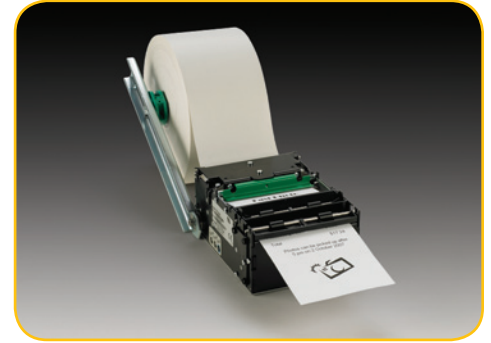
Logotypes and b&w BMP-files

### Standard fonts

ATM9 (Monospaced 14.4 cpi), up to 8 fonts can be uploaded

### Text attributes

Underline, bold, italics, reverse print, multiple width and height



## Communication and interface capabilities

- TTP 2010: serial RS232
- TTP 2020: parallel IEEE-1284
- TTP 2030: USB

## Operating system

Windows® 2000, XP, Server 2003, and OPOS

## Options and accessories

- Roll holder "universal" variable position, 7.9"/200 mm dia. max
- Adapter for roll holder below position, 9.8"/250 mm dia. max
- Roll holder wall mount, 5.9"/150 mm dia. max
- Quick fit hubs TTP 2000
- Paper-low sensor with 11.8"/300 mm cable

\*Specifications subject to change without notice.

©2009 ZIH Corp. EPL, APL, ZBI 2.0, ZBI-Developer, Element Energy Equalizer, E3, ZebraLink, EPL2, ZebraNet, and all product names and numbers are Zebra trademarks, and Zebra, the Zebra head graphic stripe, ZPL, ZebraNet, and ZPL II are registered trademarks of ZIH Corp. All rights reserved. Unicode is a trademark of Unicode, Inc. CG Triumvirate is a trademark of Agfa Division, Miles Inc. IBM is a registered trademark of International Business Machines Corporation. UFST is a trademark of Monotype Imaging Inc. and may be registered in certain jurisdictions. All other trademarks are the property of their respective owners.



**ZEBRA**  
TECHNOLOGIES  
www.zebra.com

### Corporate Headquarters

+1 800 423 0442  
inquiry4@zebra.com

### Asia-Pacific Headquarters

+65 6858 0722  
apacchannelmarketing@zebra.com

### EMEA Headquarters

+44 (0)1628 556000  
mseurope@zebra.com

### Latin America Headquarters

+1 847 955 2283  
inquiry4@zebra.com

### Other Locations

**USA:** California, Georgia, Rhode Island, Texas, Wisconsin **Europe:** France, Germany, Italy, Netherlands, Poland, Spain, Sweden **Asia Pacific:** Australia, China, India, Japan, South Korea **Latin America:** Argentina, Brazil, Florida (USA), Mexico **Africa/Middle East:** Russia, South Africa, United Arab Emirates

GSA#: GS-35F-0268N  
P1021843 (11/09)