

# Zebra® TTP 2100™ Series



The TTP 2100 direct thermal ticket printer is small enough to fit in the palm of your hand, yet robust enough for use in most ticketing applications, such as ATB1 boarding passes, bag tags, and tickets. By replacing traditional magnetic stripe technology with a simple linear or 2-D bar code, TTP 2100 eliminates the costliest component in a ticketing system and offers a more economical alternative to traditional solutions. The automatic media detector makes it possible to load boarding passes or bag tags without adjustment. The ticket format is variable up to 3.25"/82.5 mm wide and 23.6"/600 mm long—so the TTP 2100 is ideal for printing ATB1 boarding passes, and IATA CUSS bag tags (with lengths up to 21"/533 mm). The TTP 2100 series' compact size makes the desktop version an attractive choice for both attended ticketing applications, while the embedded version fits neatly in kiosk designs.

## **Zebra Kiosk Ticket 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 2110™ (RS232 serial interface for Embedded or Desktop), TTP 2130™ (USB interface for Embedded or Desktop)

## Standard features

- Direct thermal ticket printing for ATB1 boarding passes, bag tags, and other ticketing formats
- Retain or eject presenter
- Auto ticket loading does not waste tickets
- Various media mounting options give flexibility to kiosk design, up to 9.8"/250 mm dia. media rolls
- Paper guide available in 2.0"/51 mm, 2.13"/54 mm, 2.36"/60 mm, 2.59"/66 mm, 3.15"/80 mm, 3.25"/82.5 mm, and dual 2.13"/54 mm-3.23"/82 mm
- USB or RS232 serial connectivity standard 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

3.15"/80 mm for ATB1 size and 2.13"/54 mm for credit card size

### Max print length

23.6"/600 mm

### Print speed

6"/150 mm per second

### Media sensors

Out-of-paper sensor, paper in presenter sensor, top of the form sensor selectable for fork or reflective settings, and input for external paper-low sensor

## Media Characteristics

### Paper width

- 2.13"/54 mm to 3.25"/82.5 mm
- Maximum media roll size 9.8"/250 mm

### Media thickness

0.004"/0.11 mm to 0.01"/0.26 mm for 2.13"/54 mm paper and 0.004"/0.11 mm to 0.007"/0.19 mm for 3.25"/82.5 mm paper

### Media types

Roll or fanfold stock

## Operating characteristics

### Environmental

- Operating Temp.: 32° F/0° C to 122° F/50° C
- Storage Temp.: 14° F/-10° C to 122° F/50° C
- Operating Humidity: 35% to 75% non-condensing
- Storage Humidity: 10% to 90% non-condensing excluding paper

### Electrical

24Vdc +/-5% average 2A, peak 6A

## Physical characteristics

### Embedded

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

### Desktop

- Width: 4.5"/115 mm
- Height: 3.1"/80 mm
- Depth: 7.1"/180 mm
- Weight: 3.1 lbs/1.4 kg

## Fonts/graphics/symbolologies

### Bar Codes

EAN 8, EAN 13, EAN128, UPC, 2-of-5 Interleaved, ISBN, Code 39, Code 128 and 2-D PDF417

### Graphics

Logotypes and b&w BMP-files

### Standard fonts

ATM9, OCR-B 10 and 12, up to 8 fonts can be uploaded

### Text attributes

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

## Communication and Interface Capabilities

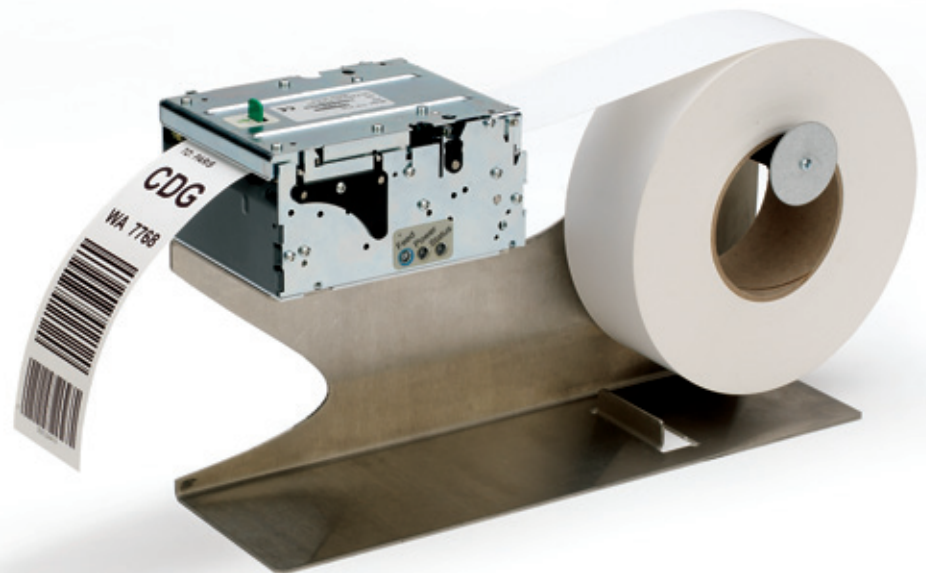
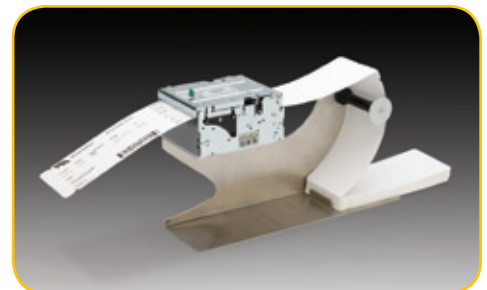
- TTP 2110: RS232 serial interface
- TTP 2130: USB interface

## Operating System

- Windows® 2000, XP, and Server 2003

## Options and Accessories

- Media Holder TTP 2100 (includes quick fit hubs and spring)
- Leaf spring retainer for quick-fit hubs
- Paper-low sensor with 300 mm cable
- Output tray



\*Specifications subject to change without notice.

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