



**High speed. Vivid graphics. 4-inch diameter paper roll.  
Big benefits for such a small footprint.**

- Reliable, consistent thermal printing.
- Clear, crisp thermal graphics, logos, promotional messages, you name it.
- Space-saving footprint.
- Ready to configure easily into whatever system you're using.

**Meet the Ithaca® Series 80PLUS thermal printer.** Get ready for crisp, clear receipts and coupons at an incredibly fast 5.3 inches per second (135 mm per second). The 80PLUS is a big plus for a number of reasons. For starters, it accommodates a 4-inch diameter paper roll, which means the price-per-receipt using an 80PLUS is considerably lower than other thermal printers—thanks to reduced downtime and maintenance expense, plus a 44% decrease in roll changes! We offer a standard 2-year warranty with extended maintenance options as an added convenience. And, of course, the Series 80PLUS is backed by our solid reputation for quality and reliability.

#### OUR PRINT SPEED SPECIFICATIONS

135 mm/sec. (5.3 in. per second maximum)  
8 lines per inch: 42.5 lines per second  
6 lines per inch: 31.9 lines per second

#### OUR PRINTING CHARACTERISTICS

Pitch (characters/inch)	Maximum (characters/line)
15.6	44
20.3	57

All pitches are scalable up to eight (8) times horizontally or vertically.

Any mix of characters including scaling, reverse video, and rotated on the same line.

#### OUR INTERFACE OPTIONS

**RS232C:** Bi-Directional Serial (9-Pin)

**IEEE1284:** Bi-Directional Parallel (25-Pin)

#### OUR PRINTER DRIVERS

Windows™ 95/98/2000/Me/XP, NT 4.0, OPOS

#### OUR OPTIONS

- Buzzer
- Barcode PDF 417
- Spill Resistant Cover

#### OUR POWER REQUIREMENTS

**Standard (External):**

24 VDC

**Optional (External):**

90-264 VAC Universal Switcher, 47-63 Hz

#### OUR RELIABILITY

Printer in full operation (using all available features)\*

**MCBF:** 59 Million print lines

**Printhead Life:** 188 Km

**Auto-Cutter:** 1,000,000 Cuts

\* Reliability data is based on our standard test conditions simulating a normal retail operating environment.

#### OUR ENVIRONMENTAL SPECS

**Operating Temperature:**

0 to +40 degrees C (32 to +104 degrees F)

**Operating Humidity:**

10 to 90% RH non-condensing

#### OUR SUPPLIES & SERVICE

We offer convenient one-stop shopping for all your printer needs—paper, spare parts, manuals, printer servicing/refurbishment and more. For more information, call us at 1.877.7ithaca or visit our Web site at [www.transact-tech.com](http://www.transact-tech.com)

#### OUR FEATURES AND BENEFITS

- Print Speed: Up to 135 mm/sec. (5.3 in. per second)
- Print Resolution: 8 Dots per mm (203 dpi) Horizontal and Vertical
- Auto-Cutter: Partial Cut
- Standard Warranty: Two Years (Extended Maintenance Plan Available)
- Simple Loading of Receipt Paper
- Cash Drawer Drivers: Dual with Status (RJ11)
- Print Zone Width: 72 mm (2.83 in.)
- Emulations: Ithaca/IBM, Epson ESC/POS\*, Axiohm
- APA Bit Map Graphics
- 67 Language Code Pages
- Data Buffer—8K (adjustable)
- Up to 38K RAM for a User-defined Character Set or Bit-image (adjustable)
- 63K Non-volatile Flash Buffer for Multiple Character Set and Bit-image Storage (accepts PCX images)
- Memory—256K Flash and 128K RAM
- Page Mode Capability
- Self Diagnostics
- Bar Codes—Code 39, Code 93, Interleaved 2 of 5, UPC-A and UPC-E, Codabar, EAN8 and EAN13, Code 128

\* Automatic Status Back feature available as an option.

#### OUR REGULATORY COMPLIANCE

FCC Class A    CSA 950    CE Mark    UL 1950    TUV 950

#### OUR PHYSICAL CHARACTERISTICS

**Dimensions:** 152 mm W x 216 mm D x 142 mm H  
(6.0 in. W x 8.5 in. D x 5.6 in. H)

**Weight:** 1.82 kg (4 lbs.)

**Shipping Weight:** 4.0 kg (8 lbs.)

#### OUR MEDIA

**Paper Roll (one ply thermal receipt):**

- Width: 80 mm (3.15 in.)
- Diameter: 102 mm (4.0 in.)
- Length Per Roll: 122 m (400 ft.)
- Maximum Thickness: .09mm (.0035 in.)

#### WHO WE ARE

TransAct Technologies, Inc. (NASDAQ: TACT) designs, develops, manufactures and markets transaction-based printers and related products under the Ithaca® and Magnetec® brand names. The company's printers are used worldwide to provide receipts, tickets, coupons, register journals and other documents. The company focuses on the following vertical markets: point-of-sale (POS) and gaming and lottery. All of TransAct's products are manufactured in ISO9001-certified facilities.



#### WHERE TO REACH US

**TransAct Technologies, Inc.**

**Ithaca Facility**

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