

ITL+ Series

THERMAL TICKET PRINTER

Printing Method: Direct Thermal

Print head Dot Density
203 DPI (8.0 dots/mm)
Dot Cycle Life 50 X 10⁶ Dot Cycles (typical)
Abrasive Life 2 million inches (50 million mm)
Operation dot history controlled
Temperature Thermistor Controlled

Print Speed: ITL+ 2000 8.0 in/sec Max. (203 mm/sec)

Paper Width: 2.00" (50.8 mm) to 3.25" (82.6 mm)

Paper Feed: Friction

Print Width: 200 DPI 2.00" (50.8 mm) to 3.15" (80.0 mm) 640 dots

Print Length: 10.9" (276.9 mm) Max.

Cutter: Life 1.5 million cuts (typical) & 1.0 million cuts (minimum) Cut Cycle Time 300 ms max.

Standards

Resident Fonts: 5x7, 5x9 (OCRA), 8x16, 13x20 (OCRB), 17x31 (OCRA), 17x31 (OCRB), 18x30 (Courier), 20x40 (Courier), 25x41 (Bold Prestige), 25x49 (Script), 30x52 (OCRB), 46x91 (Orator)

Resident True Type Fonts:

Font Description
Comic Sans
Comic Sans Bold
Verdana
Verdana Bold
<i>Verdana Italic</i>
<i>Verdana Bold Italic</i>

Standard Resident Bar Codes:

QR Code, Code 39, Interleaved 2 of 5, EAN 13, EAN 8, UPC, USS-CODABAR, Code 128 B and C with optional human readable interpretation line,

Standard Graphics:

Dot addressable graphics; box and line drawing commands; downloadable fonts and logos; PCX file support; PCX image rotation (0, 90, 180, 270 degrees) and multiplication

Printer Firmware Options:

Standard The characteristics noted on this data sheet refer to the standard firmware version. This firmware "emulates" the most commonly used Standard Ticket Programming Language.

Windows The "G" version is available for ITX emulation in Windows® for WYSIWYG function. Printer firmware can be updated over the printer's USB interface.

Data Interface

Parallel IEEE-1284 (bi-directional)
Serial RS-232 (Busy and XON/OFF) to 57.6 K baud
USB 2.0 Full Speed Compliant

Special Purpose I/O: 8 pin mini Din connector for low paper and auxiliary power driver

Interface Cable: IEEE-1284 A-B cable (DB25M/C36M)
RS-232 Cable (DB9M/DB9F)
USB A-B Cable (A/B)

Power Requirements: 24 VDC, 60 W max average, provided by PS60-14 universal input power supply. 90-264 VAC, 47/63 Hz, 1.6 A max.

Regulatory Compliance:

UL 62368-1 Issue: 2012/02/17 Ed.1 Rev 2012/03/08
CSA C22.2#62368-1 Issue:2012/02/17
ICES 003: 2012
CFR47 FCC PART 15 SUB B: 07/2015
CE Mark Compliant
CENELEC EN55022:2010
CENELEC EN55024:2010+A1:2015
CENELEC EN 61000-3-2: 2014
CENELEC EN 61000-3-3: 2013
VCCI V3:2014

Environment

Temperature Operating: +5 to +40°C
Storage: -5 to +65°C
Humidity 20-85% relative, non-condensing

User Switches: Power On/Off

Select (F0) - Test (F1)
Line Feed (F2) Form Feed (F3)

Indicators: Power/Paper (green LED)

Ready (green LED)
Attention/Error (amber LED)
Audio Beeper

Ticket Delivery Options:

Desktop: (µITL+ / kITL+) Cutter including Ticket Basket
Countertop: (pITL+) Cutter (the ticket is stacked by friction held after cutting.)

All Models: Can be configured with a tear bar (not using cutter)

Setup Parameters: All optional control features can be changed with a user-friendly switch panel entry.

Download Memory: 8 MB Flash Standard for storage of user font, logos, and graphics.

uITL+ / (H X W X L) 5.25 x 6.65 X 7.52

pITL+ / (H X W X L) 7.49 x 6.65 X 7.52 Plate = .40 x 7.50 x 6.00

kITL+ / (H X W X L) 4.94x 6.50 X 8.09

All specification subject to change without notice. 4 / 2016



PRACTICAL AUTOMATION, INC.

www.practicalautomation.com

The Alinabal Group of Companies