

ITX+ Series

THERMAL TICKET PRINTER

Printing Method: Direct Thermal

Printhead Dot Density
203 DPI (8.0 dots/mm)
300 DPI (11.8 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: ITX 2000 10.0 in/sec Max. (254 mm/sec)
ITX 3000 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
300 DPI 2.00" (50.8 mm) to 3.20" (81.2 mm) 960 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 com-
mands; downloadable fonts and logos; PCX file support;
PCX image rotation (0, 90, 180, 270 degrees) and multi-
plication

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 Lan-
guage.

Windows The "G" version is available for ITX emulation in Win-
dows® 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: Paper/Configuration sheeter/Paper (green LED)

Ready (green LED)

Attention/Error (amber LED)

Audio Beeper

Ticket Delivery Options:

Desktop: (µITX+, eITX+ and kITX+) Cutter and ejector (the ticket is ejected after
cutting.)

Countertop: (pITX+) Cutter and retainer (the ticket is stacked and held after cut-
ting.)

All Models: Can be configured with a tearbar (no cutter installed.)

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

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

µITX+ / (H X W X L) 6.80 x 6.65 X 10.35

eITX+ / (H X W X L) 11.96 x 8.15 x 18.36

pITX+ / (H X W X L) 10.30 x 6.65 X 6.66 Plate = .40 x 7.50 x 7.50

kITX+ / (H X W X L) 5.90 x 6.50 X 10.05

All specification subject to change without notice.



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