Printing Method: Direct Thermal
Printhead: Dot Density
203 DPI (8.0 dots/mm)
300 DPI (11.8 dots/mm)
Dot Cycle Life: 50 x 10^6 Dot Cycles (typical)
Abrasives: 2 million inches (50 million mm)
Operation Dot history controlled
Temperature Thermostat 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.
Cutters:
Life 1.5 million cuts (typical) & 1.0 million cuts 
(minimum) Cut Cycle Time 300 ms max.

Standards
Resident Fonts:
5x7, 5x9 (OCR), 8x16, 13x20 (OCR), 17x31 (OCR),
17x31 (OCR), 18x30 (Courier), 20x40 (Courier), 25x41 
(Bold Prestige), 25x49 (Script), 30x52 (OCR), 46x91 
(Orator)
True Type Fonts:
Comic Sans
Verdana Bold
Verdana Bold Italic

Font Description
Comic Sans
Verdana Bold
Verdana Bold Italic

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 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: Popocification sheewer/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: (µITX+) Cutter and retainer (the ticket is stacked and held after cut-
ing.)
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.

uITX+ / (H X W X L) 6.80x 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.