Ithaca Series 180

Meet the Ithaca Series 180 front-exit/front-load thermal POS printer. Our newest POS printer is designed for the harsh reality of restaurant and hospitality life: Spills happen. Luckily, the Ithaca Series 180 printer doesn't care. Because it's been carefully engineered to channel away spills — so that liquids won't harm the printer. Other practical features?

Front-exiting receipt and front-loading convenience —easy to tear off. Vertically mounted PCB is elevated to resist spills from both the top and bottom. It prints crisp, clear graphics and logos. It's a convenient, compact size. And, of course, the Series 180 is backed by Ithaca's solid reputation for quality and reliability.

OUR PRINT SPEED SPECIFICATIONS
100 mm/sec (4.0 in. per second)
8 lines per inch: 32 lines per second
6 lines per inch: 24 lines per second

OUR PRINTING CHARACTERISTICS
Pitch Maximum
(characters/inch) (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 or 36-Pin)
Universal Serial Bus: USB

OUR PRINTER DRIVERS
Windows 95/98/2000, NT 4.0, OPOS

OUR OPTIONS
Kitchen Buzzer
Barcode PDF 417

OUR POWER REQUIREMENTS
External Power Supply:
24VDC, Standard
90-264 VAC Universal Switcher, 47-63 Hz, Optional

OUR RELIABILITY
Printer in full operation (using all available features)*
Printhead MTBF: 96,339 hours @ 12.5% ratio
Printhead Life: 100 km
Auto-Cutter: 1,000,000 Cuts
* Reliability data is based on Ithaca standard test conditions simulating a normal retail operating environment.

OUR ENVIRONMENTAL SPECS
Operating Temperature:
0 to +40 degrees C (32 to 104 degrees F)
Storage Temperature:
-10 to +50 degrees C (+14 to 122 degrees F)
Operating Humidity:
10% to 90% RH non-condensing
Storage Humidity:
5% to 90% RH non-condensing

OUR MEDIA
Paper Roll (one-ply thermal receipt):
Width: 79 to 80 mm (3.11 in. to 3.15 in.)
Diameter: 83 mm (3.25 in.)
Thickness: 0.06 mm to 0.09 mm (.0025 to .0035 in.)

OUR FEATURES AND BENEFITS
• Print Speed: 100 mm/sec. (4.0 in./sec.)
• Print Resolution: 8 dots per mm (203 dpi) horizontal & vertical
• Spill Resistant Design
• Vertically Mounted Circuit Board
• Simple Loading of Paper from Front of Printer
• Front Exiting Receipt
• Wall Mounting Capability
• Standard Two-Year Warranty, Including Damage from Spills
(Extended Maintenance Plan Available)
• Auto Cutter: Partial Cut 3.2 mm (1/8 in. ± 1/16 in.)
• Cabinet Colors: Light or Dark Gray
• Cash Drawer Drivers: Dual with Status (Single RJ11)
• Emulations: Ithaca/IBM, Epson ESC/POS, Axiohm
• APA Bitmap Graphics
• Data Buffer: 8K (Adjustable)
• 38K RAM Buffer 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 & 128K RAM
• Bar Code: Code 39, Code 93, Interleaved 2 of 5, UPC-A & UPC-E,
Codabar, EAN8 & EAN13, Code 128
• Print Zone Width: 72 mm (2.83 in.)
• 67 Language Code Pages
• Self Diagnostics
• Paper Out Sensor
• Page Mode Capability
• Single Button Control for Paper Feed and Self-test

OUR REGULATORY COMPLIANCE
FCC Class B ULc CE Mark UL 1950 TUV

OUR PHYSICAL CHARACTERISTICS
Dimension: 213 mm W x 165 mm D x 185 mm H
(8.4 in. W x 6.5 in. D x 7.3 in. H)
Weight: 2.6 kg (5.7 lbs.)
Shipping Weight: 4.8 kg (10.5 lbs.)