

## Receipt Printers

## ION Thermal 2

The ION Thermal 2 receipt printer is part of the cost effective, high performance POS-X ION Series. Featuring an innovative top feeding, front loading paper design, the ION Thermal 2 provides the performance you demand with a sleek, innovative look.

The ION Thermal 2 features fast receipt printing, JamFree Autocutter Technology, and POS-X's industry leading warranty and free lifetime 24/7 support. The ION Thermal 2's modern front loading design allows for a smaller footprint, maximizing your counter space. Perfect for retail and hospitality operations, the ION Thermal 2 is dependable yet affordable.



### RELIABLE & AFFORDABLE

Priced to beat the competition, the ION Thermal 2 features a JamFree autocutter and a thermal printhead that lasts over 100 miles of receipts.



### FAST PRINTING

Output receipts at a rate of 8 inches per second (220mm).



### COMPATIBILITY

With the ability to connect via USB, Serial, or Ethernet, the ION Thermal is fully ESC/POS and OPOS compatible.



### WALL MOUNTABLE

Convenient mounting capabilities allow for optimal printer placement.



### EASY PAPER LOADING

Easy drop-in thermal paper loading.



### ENERGY EFFICIENT

Engineered for an energy-efficient lower-cost of ownership.



| PART NUMBER                     | ION-PT2-1US                                       | ION-PT2-1UE               |
|---------------------------------|---|---------------------------|
| <b>INTERFACE SPECIFICATIONS</b> |   |                           |
| Interface Details               | USB 2.0/Serial RS232C                             | USB 2.0/Ethernet (10/100) |
| Emulation                       | ESC/POS Command Compatible, OPOS                  |                           |
| Print Method                    | Direct Thermal                                    |                           |
| Printing Speed                  | 8.7"/sec (220mm/sec)                              |                           |
| Print Resolution                | 180 DPI x 180 DPI                                 |                           |
| Printing Direction              | Unidirectional with Friction Feed                 |                           |
| Sensors                         | Cover Open, Paper End                             |                           |
| Cash Drawer Port                | 1 Port, (24 V, 1 A max)                           |                           |
| Reliability                     | TPH Life 93.2 miles (150Km) MCBF 70,000,000 lines |                           |

| <b>PAPER</b>             |  |
|--------------------------|--|
| Type                     | Thermal Paper  |
| Width                    | 1.9" (50mm) - 3.15" (80mm)   |
| Thickness                | 0.002" (0.06mm) - 0.0035" (0.09mm)   |
| Roll Diameter            | Max 3.15" (80mm)   |
| Roll Core Inner Diameter | 0.492" (12.5mm) ± 0.019" (0.5mm)   |
| Character Set            | Alpha Numeric Character 95<br>Extended Graphics 128 x 18 page (1 space per page); International Characters 14          |
| Character/Line           | Font A (12 x 24) 42 columns<br>Font B (9 x 17) 56 columns  |
| Barcodes Supported       | EAN-8, EAN-13, CODE 39, ITF, UPC-A, CODABAR, CODE 93, CODE 11, ISBT-128, UPC-E, CODE 128, PDF 417, QR CODE, DATAMATRIX |

| <b>PHYSICAL</b>   |   |
|-------------------|---|
| Dimension (WxDxH) | 5.1" x 5.5" x 6" (130mm x 140mm x 154mm)              |
| Weight            | 2.8lbs (1.3kg)  |
| Color             | Black   |
| Electrical        | 100-240 VAC 50/60 Hz (input)<br>24 VDC/1.5 A (output) |

| <b>ENVIRONMENTAL</b> |  |
|----------------------|--|
| Temperature          | 41°F to 104°F (5°C to 40°C) operating<br>-4°F to 140°F (-20°C to 60°C) storage |
| Humidity             | 10% to 90% non condensing  |
| Warranty             | 3-year warranty with free *2-day Advance Exchange Service                      |
| Certifications       | FCC, UL, CE, Energy Star, RoHs, NOM  |
| Operating System     | WIN XP, VISTA, Win 7, Win 8, Win 10, OPOS drivers                              |

| <b>AUTOCUTTER</b> |                                    |
|-------------------|------------------------------------|
| Type              | JamFree auto-retracting guillotine |
| Life              | 1,500,000 Cuts                     |
| Cutting Method    | Full/Partial Cut                   |

| <b>WARRANTY EXTENSIONS AND UPGRADES</b> |                                    |
|---|------------------------------------|
| ZWE-CRW                                 | 2-Year Warranty Extension          |
| ZOE-CRW3                                | *3-Year Next Business Day Exchange |
| ZOE-CRW5                                | *5-Year Next Business Day Exchange |

\*Available in the USA and Canada