

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.



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PART NUMBER	ION-PT2-1US	ION-PT2-1UE
INTERFACE SPECIFICATIONS		
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, 2 Internal Circuits (24 V, 1 A max)	
Reliability	TPH Life 93.2 miles (150Km)	

PAPER	
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 Extended Graphics 128 x 18 page (1 space per page); International Characters 14
Character/Line	Font A (12 x 24) 42 columns 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

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

PHYSICAL	
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) 24 VDC/1.5 A (output)

ENVIRONMENTAL	
Temperature	41°F to 104°F (5°C to 40°C) operating -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, 2-year on Autocutter and Print Head
Certifications	FCC, UL, CE, Energy Star, RoHS, NOM
Operating System	WIN XP, VISTA, Win 7, Win 8, Win 10, OPOS drivers

WARRANTY EXTENSIONS AND UPGRADES	
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