ION

Thermal Receipt Printer

The ION Thermal Receipt Printer is part of the cost-effective, high performance POS-X ION Series. Stylish, affordable, and engineered to operate day-in and day-out, the ION Thermal provides the steadfast performance you need with a sleek, modern housing for a price that's hard to beat. The ION Thermal features fast receipt printing, JamFree Autocutter Technology, an industry leading warranty and free 24/7 support. It's perfect for retail and hospitality operations requiring a POS solution that is dependable and affordable.

Key Features

Print Speed
160mm/sec

Accessories Included
Power supply and interface cables included

Paper Loading
Drop-in easy thermal paper loading

AutoCutter
JamFree AutoCutter technology

Multiple Interfaces
USB, Serial

Emulation
ESC/POS and OPOS compatible

■ **POS-X Warranty**

Industry-leading Warranty Protection
- 3 year warranty includes
- *2-day Advance Exchange - standard on all products
- Warranty extensions and overnight exchanges are available to provide means to further reduce the total cost of ownership

*Available in USA and Canada

■ **POS-X Service and Support**

24/7 Technical Support and Lifetime Customer Support
- 24/7 access to our USA-based experienced technical support representatives
- Support techs utilize advanced techniques such as remote access for quick and accurate system analysis
- Lifetime support on all POS-X products

INTERFACE SPECIFICATIONS	
Interface Details	USB 2.0/RS232C
Emulation	ESC/POS
Print Method	Direct Thermal
Printing Speed	6.3″/sec (160 mm/sec)
Print Resolution	180 DPI x 180 DPI
Printing Direction	Unidirectional with Friction Feed
Sensors	Cover Open, Paper Low, Paper End
Cash Drawer Port	1 Port, 2 Internal Circuits (24 V, 1 A max)
Reliability	TPH Life 99.42 miles (160Km) MCBF 60,000,000 Lines

PAPER	
Type	Thermal Paper
Width	1.9″ (50mm)–3.13″ (79.5mm)
Thickness	0.002″ (0.06mm)–0.0035″ (0.09mm)
Roll Diameter	Max 3.27″ (83mm)
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 128, PDF 417(2D)

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

PHYSICAL	
Dimension (WxDxH)	5.4″ x 6.3″ x 4.3″ (136mm x 164mm x 110mm)
Weight	3.1 lbs (1.4 kg)
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 (operation) 10% to 90% non condensing (storage)
Warranty	3-year warranty with free *2-day Advance Exchange Service, 2-year on Autocutter and Print Head
Certifications	FCC, UL, CE, Energy Star, NOM
Operating System	WIN 95, WIN 98, WIN 2000, WIN XP, VISTA, Win 7, Win 8, OPOS drivers available

WARRANTY EXTENSIONS AND UPGRADES	
ZWE-CRW	2-Year Warranty Extension
ZOE-CRW3	*3-Year Overnight Exchange
ZOE-CRW5	*5-Year Overnight Exchange

*Available in USA and Canada

POSX
POINT OF SALE SIMPLIFIED

NOM c UL FC CE