

The ION Linear Wireless is part of the cost-effective, high performance POS-X ION Series. The ION Linear Wireless is equipped with ZigBee® Standard wireless technology. ZigBee technology has lower interference rates and uses less energy than other wireless technologies; therefore, the barcode scanner has a longer battery life between charges. The ION Linear Wireless incorporates a convenient USB dongle for a clean wireless connection, a sleek, shatter-resistant ergonomic housing, and an industry-leading warranty and support package, which comes standard with every POS-X product.



Shown with optional stand

Key Features



Decode Capabilities

Reads all standard linear 1D barcodes



Scan Rate

Reads up to 270 scans/second



Reading Distance

From 1.2" to 18.1" (30mm to 460mm)



Receiver

Compact USB dongle



ZigBee® Standard

Wireless technology



Operating Time

Approximately 70,000 scans/charge

■ POS-X Warranty

Industry-leading Warranty Protection

- 3 year warranty
- *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

PERFORMANCE	
Light Source	630 nm ±20 nm CCD
Visual Indicators	Blue LED: decoding successful
System Interface	USB
Depth of Field	1.2" to 18.1" (30.5mm to 460mm)
Resolution	4 mil (0.1mm)
Scanning Angle	65°
Scan Rate	270 scans per second
Print Contrast	Minimum 45% contrast
Light Levels	3000 LUX–8000 LUX
FEATURES	
Decode Capabilities	Reads all standard 1D symbologies
Programmable Features	Prefix Code, Length Code, Barcode Type, ISBN/ISSN/CLSI/UK Plessey Conversion, Scanning Mode, Time Out, Baud Rate
ZigBee® STANDARD WIRELESS TECHNOLOGY	
Radio Frequency	2.4GHz–2.5GHz
Range	Up to 328 ft. (100m) line of sight
PHYSICAL	
Weight	.22 lb (180g) w/cable
Housing	ABS
Dimensions (LxWxH)	7.3" x 2.6" x 3.6" (186mm x 67mm x 91mm)
Color	Black

*Available in USA and Canada

ELECTRICAL	
Power Input	5 VDC ± 5% (scanner) 5 VDC ± 5% (dongle)
Current	70mA
BATTERY	
Battery Type	Rechargeable Polymer
Battery Capacity	1200mAh
Recharge Time	4 to 5 hours via 5V USB
Operating Time	Approximately 70,000 scans/charge
ENVIRONMENTAL	
Temperature	32°F to 104°F (0°C to 40°C) (operating) 68°F to 149°F (20°C to 65°C) (storage)
Humidity	5% to 95% relative humidity, non-condensing
Shock Resistance	Withstands multiple drops from 3.9' (1.2m)
Warranty	3-year warranty with free *2-day Advance Exchange Service, 1-year warranty on battery
Certifications	CE, UL, SELV, CSA, FCC Class-A, ROHS, NOM
OPTIONAL ACCESSORIES	
ION-SP1-ASTAND	ION Barcode Scanner stand
WARRANTY EXTENSION AND UPGRADES	
ZWE-BMP	2-Year Warranty Extension
ZOE-BMP3	*3-Year Overnight Extension
ZOE-BMP5	*5-Year Overnight Extension



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