



ION Linear Wireless Barcode Scanner

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 w/optional stand

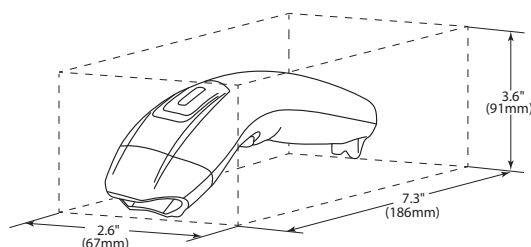
Key Features

- ZigBee® Standard wireless technology
- Approximately 70,000 scans/charge
- Compact USB dongle receiver
- Low interference rate from other electronics
- Reading distance: From 1.2" to 18.1" (30mm to 460mm)
- 3-Year Limited Warranty includes 2-Day Advance Exchange Service

barcode scanner

ION Linear Wireless Specifications

PART NUMBER	ION-SP1-ACW
PERFORMANCE	
Light Source	630 nm \pm 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)
PHYSICAL	
Weight	.22 lb (180g) w/cable
Housing	ABS
Dimensions (L x W x H)	7.3" x 2.6" x 3.6" (186mm x 67mm x 91 mm)
Color	Black
ELECTRICAL	
Power Input	5 VDC \pm 5% (scanner)/ 5 VDC \pm 5% (dongle)
Current	70mA
BATTERY	
Battery Type	Rechargeable Polymer
Battery Capacity	1200mAh
Recharge Time	4-5 hours via 5V USB
Operating Time	Approximately 70,000 scans/charge
ENVIRONMENTAL	
Temperature	32°– 104°F (0°C to 40°C) (operating)/68°– 149°F (20°C to 65°C) (storage)
Humidity	5% – 95% relative humidity, non-condensing
Shock Resistance	Withstands multiple drops from 3.9' (1.2 m)
WARRANTY	3-Year Limited Warranty Includes 2-Day Advance Replacement Service 1-Year Warranty on Battery
CERTIFICATIONS	CE, UL, SELV, CSA, FCC Class-A, ROHS



ACCESSORIES AND WARRANTY EXTENSIONS

ION-SP1-ASTAND	ION Barcode Scanner stand
ZWE-BMP	2-Year Warranty Extension
ZOE-BMP3	3-Year Overnight Extension
ZOE-BMP5	5-Year Overnight Extension