



barcode scanner

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.

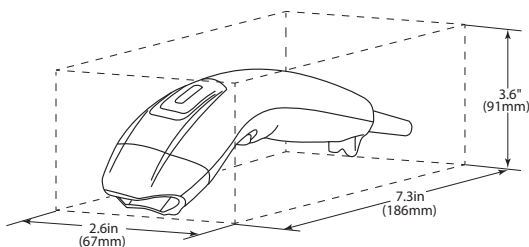


Key Features

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

ION Linear Wireless Specifications

PART NUMBER	ION-SP1-ACW
PERFORMANCE	
Sensor Type	CCD
Light Source	630 nm ±20 nm
Visual Indicators	Blue LED = decoding successful
System Interface	USB
Typical Depth of Field	1.2" (30.5mm) to 18.1" (460mm)
Resolution	4 mil (0.1mm)
Scanning Angle	Pitch±65°, Skew±50°
Print Contrast	Minumum 45% contrast
Ambient Light Rejection	3000 lux–8000 lux
FEATURES	
Supported Symbolologies	UPC-A, UPC-E, EAN13, EAN8, Code39, Codabar, Code93, Code128, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, MSI/Plessey Code 32, Code 11, Telepen, GS1 Databar Omni, GS1 Databar Limited, GS1 Databar Expanded
Programmable Features	Prefix Code, Length Code, Barcode Type, ISBN/ISSN/CLSI/UK Plessey Conversion, Scanning Mode, Time Out, Baud Rate
ZigBee® Standard	
Radio Frequency	2.4GHz–2.5GHz
Range	Up to 100 meters (328ft.)
PHYSICAL	
Weight	.22 lb (180g) w/cable
Housing	ABS
Dimensions	7.3"(186mm)(l)x 2.6"(67mm)(w)x 3.6"(91 mm)(h)
Color	Black
ELECTRICAL	
Power Input	5 VDC ± 5% (scanner)/ 5 VDC ± 5% (dongle)
Current	70mA
BATTERY	
Battery Type	Rechargeable Polymer
Battery Capacity	1200mAh
Recharge Time	4-5 hours via 5V USB
Operating Time	Approx. 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 Includes 2-Day Advance Replacement Service
CERTIFICATIONS	SELV, CSA



ACCESSORIES	
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