

## Barcode Scanner

## *ION Wireless*

The ION Linear Wireless is part of the cost-effective, high performance POS-X ION Series. The ION Linear Wireless is equipped with wireless technology that 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 7.8" (30mm to 200mm)



**Receiver**

Compact USB dongle



**Wireless Technology**

Up to 328 feet



**Operating Time**

Approximately 70,000 scans/charge

**PERFORMANCE**

Light Source	630 nm ±20 nm CCD
Visual Indicators	Blue LED: decoding successful
System Interface	USB
Depth of Field	1.2" to 17.8" (30.5mm to 200mm)
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

**WIRELESS TECHNOLOGY**

Radio Frequency	2.4GHz–2.5GHz
Range	Up to 328 ft. (100m) line of sight

**PHYSICAL**

Dimension (LxWxH)	7.3" x 2.6" x 3.6" (186mm x 67mm x 91mm)
Weight	.22 lb (180g) w/cable
Color	Black
Housing	ABS

**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
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**WARRANTY EXTENSION AND UPGRADES**

ZWE-BMP	2-Year Warranty Extension
ZOE-BMP3	*3-Year Overnight Exchange
ZOE-BMP5	*5-Year Overnight Exchange

\*Available in USA and Canada