

ION

Linear Barcode Scanner

The ION Linear is part of the cost-effective, high performance POS-X ION Series. This is a no-nonsense barcode scanner with outstanding speed and scan distance. This scanner is all business, providing high performance at a great value. Easy to set up right out of the box, just plug it in and get to work.



Shown with optional stand



Key Features



Decode Capabilities

Reads all standard linear 1D barcodes



Scan Rate

Reads up to 270 scans/second



Reading Distance

0.4" to 15.5" (10mm to 394mm)



Optional Presentation Mode

For hands-free scanning

■ **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



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PERFORMANCE

Light Source	Red LED 660 nm CCD
Visual Indicators	Blue LED: decoding successful
System Interface	USB
Depth of Field	0.4" to 15.5" (10mm to 390mm) 13mil barcode
Resolution	3 mil
Scanning Angle	65°
Scan Rate	270 lines per second
Print Contrast	Minimum 45% contrast
Light Levels	3000 LUX–8000 LUX

FEATURES

Decode Capabilities	Reads all standard 1D symbologies
Programmable Features	Presentation Mode, Prefix Code, Length Code, Barcode Type, ISBN/ISSN/CLSI/UK Plessey Conversion, Scanning Mode, Time Out, Baud Rate

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

Input	5 VDC $\pm$ 0.25 V
Current	80mA

ENVIRONMENTAL

Temperature	32°F to 104°F (0°C to 40°C) (operating) -40°F to 140°F (-40°C to 60°C) (storage)
Humidity	5% to 95% relative humidity, non-condensing
Shock Resistance	Withstands multiple drops from 3.9' (1.2 m)
Warranty	3-year warranty with free *2-day Advance Exchange Service
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



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