



# ION Linear

## Barcode Scanner

The ION Linear is part of the cost-effective, high performance POS-X ION Series. It's a no-nonsense barcode scanner with outstanding speed and scan distance. With free 24/7 POS-X support and a 3-year warranty, this scanner guarantees high performance at a great value. This scanner is all business. Easy to set up right out of the box, just plug it in and get to work.



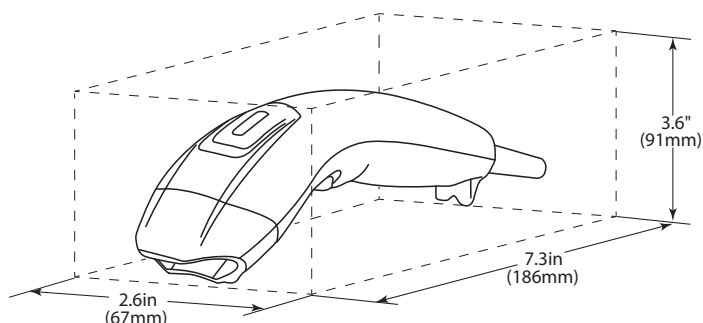
### Key Features

- Reads compact barcodes as close as 3mil
- Optional presentation mode for hands-free scanning
- Reads up to 270 scans/second
- Reading distance: From 0.4" to 15.5"
- 3-Year Warranty includes 2-Day Advance Exchange Service

barcode scanner

## ION Linear Specifications

<b>PART NUMBER</b>	ION-SP1-ACU
<b>PERFORMANCE</b>	
Light Source	Red LED 660 nm
Visual Indicators	Blue LED = decoding successful
System Interface	USB
Typical Depth of Field	0.4" (10mm) to 15.5" (390mm)
Resolution	3 mil
Scanning Angle	Pitch $\pm$ 65°, Skew $\pm$ 50°
Motion Tolerance	3.9inch/s (100mm/s)
Print Contrast	Minumum 45% contrast
Ambient Light Rejection	3000 lux–8000 lux
<b>FEATURES</b>	
Supported Symbologies	1D: 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	Presentation Mode, Prefix Code, Length Code, Barcode Type, ISBN/ISSN/CLSI/UK Plessey Conversion, Scanning Mode, Time Out, Baud Rate
<b>PHYSICAL</b>	
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
<b>ELECTRICAL</b>	5 VDC $\pm$ 0.25 V (imput)
<b>CURRENT</b>	80mA
<b>ENVIROMENTAL</b>	
Temperature	32°– 104°F (0°C to 40°C) (operating)/-40°– 140°F (-40°C to 60°C) (storage)
Humidity	5% – 95% relative humidity, non-condensing
Shock Resistance	Withstands multiple drops from 3.9' (1.2 m)
<b>WARRANTY</b>	3-Year Includes 2-Day Advance Replacement Service
<b>CERTIFICATIONS</b>	SELV, CSA



<b>ACCESSORIES</b>	
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