

ION

Short Range Barcode Scanner

The ION Short Range is a member of the cost-effective, high performance POS-X ION Series. This barcode scanner is designed to provide an exceptional decoding solution at an extremely low price. The ION Short Range scans most popular 1D barcode symbologies and has a rugged design with no moving parts to withstand daily use. Engineered to be extremely lightweight with a low profile, the ION Short Range is the clear choice for the budget-minded consumer.



Key Features



Decode Capabilities

Reads all standard linear 1D barcodes



Reading Distance

0" to 4" (0mm to 101mm)



Scan Rate

Reads up to 200 scans/second



Great Entry Level Scanner

Cost-effective

■ 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

PERFORMANCE	
Light Source	Red LED 660 nm CCD
Visual Indicators	Blue LED: decoding successful
System Interface	USB
Depth of Field	0" to 1.2" (0mm to 30mm) 13 mil code
Resolution	4 mil
Scanning Angle	45°
Scanning Distance	0" to 4.0" (0mm to 101mm)
Scan Rate	200 scan lines/second
Print Contrast	Minimum 45% contrast
Light Levels	1000 LUX–5000 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
PHYSICAL	
Weight	0.2 lb (90 g)
Housing	ABS
Dimensions (LxWxH)	6.3" x 3.2" x 2.0" (160mm x 80mm x 50mm)
Color	Black

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ELECTRICAL	
Input	5 DC ± 5%
Current	100–120mA
ENVIRONMENTAL	
Temperature	32°F to 122°F (0°C to 50°C) operating -15°F to 140°F (-26°C to 60°C) storage
Humidity	10% to 90% relative humidity, non-condensing
Shock Resistance	Withstands multiple drops from 5' (1.5 m)
Warranty	3-year warranty with free *2-day Advance Exchange Service
Certifications	FCC Class-A, CE/ UL, RoHS, NOM
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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