Barcode Scanner

ION 2D Bluetooth

The ION 2D Bluetooth scanner features the latest Bluetooth technology and a 2D scan engine for all your data collection and ID verification needs. An aggressive 2D scan engine supports all common 2D barcodes and scanning off mobile device screens. A simple plug and play base makes setup a breeze, right out of the box.

Key Features

Decode Capabilities
Reads all standard 2D and 1D barcodes

Scan Rate
60 frames per second

Reading Distance
From 2.9" to 8" (74mm to 203mm)

Wireless Technology
Bluetooth Version 4.0

Range
Up to 295 feet

Operating Time
Approximately 50,000 scans/charge

PERFORMANCE

Optical Sensor	640x480 Pixels
Light Source	630 nm ±20 nm CCD
Visual Indicators	Blue LED: Connected Orange LED: Charging Red LED: Power ON
System Interface	USB
Depth of Field	2.9" to 8" (74mm to 203mm)
Resolution	4 mil (0.1mm)
Scan Rate	60 Frames per Second
Print Contrast	Minimum 30% contrast
Light Levels	Max 100,000 Lux

FEATURES

Decode Capabilities	Reads all standard 1D symbologies, PDF 417, Data Matrix, QR Code
Programmable Features	Prefix Code, Length Code, Barcode Type, ISBN Conversion, Scanning Mode, Sleep Mode
Memory Mode Storage	4MB, approximately 300,000 EAN-13 Barcodes

WIRELESS TECHNOLOGY

Radio Frequency	2.4GHz
Range	Up to 295 ft. (90m) line of sight

PHYSICAL

Dimension (LxWxH)	3.3" x 2.6" x 6.4" (84mm x 66mm x 162mm)
Weight	.4 lb (190g) w/o Cradle
Color	Black
Housing	ABS

ELECTRICAL

Power Input	3.3V
Current	<110mA

BATTERY

Battery Type	Rechargeable Li-Ion 3.7V
Battery Capacity	2600mAh
Recharge Time	5 Hours
Operating Time	Approximately 50,000 scans/charge

ENVIRONMENTAL

Temperature	32°F to 104°F (0°C to 40°C) (operating) -4°F to 140°F (-40°C to 70°C) (storage)
Humidity	10% to 95% relative humidity, non-condensing
Shock Resistance	Withstands multiple drops from 4.9' (1.5m)
Warranty	3-year warranty with free *2-day Advance Exchange Service, 1-year warranty on battery
Certifications	CE, SELV, CSA, FCC Class-A, ROHS, NOM

OPTIONAL ACCESSORIES

ION-SG1-ASTAND	ION Barcode Scanner Stand

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