

**PRODUCT SPEC SHEET**  
MOTOROLA 1D9208

**Dual LEDs plus programmable beeper volume, frequency and duration**

Protects productivity in noisy environments, such as theaters, airports and restaurants by providing both visual and audible confirmation of successful scans; convenient side trigger allows users to adjust beeper volume on-the fly

**Omnidirectional scanning**

Eliminates the need to align bar code and scanner

**Lightweight ergonomic 'sure grip' design**

A secure grip helps prevent drops when utilized in handheld mode

**Supports all common interfaces**

Easy integration with your existing technology environment; easily migrate to new hosts

**5 ft./1.5 m drop spec and recessed exit window**

Increased durability: can endure drops; prevents nicks and scratches on the exit window that could degrade performance

**Integrated EAS support (optional)**

Eliminates the need to purchase and maintain an additional system at the register; simplifies the checkout processes; eliminates missed tags, erroneous alarms and embarrassed customers

**Integrated adjustable stand**

Eliminates the need to purchase and manage separate accessories

**Compatible with 123Scan<sup>2</sup> and Remote Scanner Management (RSM)**

Reduces management time and cost, from initial configuration to day-to-day management

in either environment. And with the most compact footprint in this class, the 1D9208 can fit in the most space constrained areas — from the POS in a boutique to the ticket window at a train station.

**A SMART INVESTMENT AND A LOW TOTAL COST OF OWNERSHIP (TCO)**

The 1D9208 not only helps you make money, it helps you save money. The device is so intuitive that training — and training-related costs — are virtually eliminated.

For more information on how the 1D9208 can benefit your business, please visit us on the web at [www.motorolasolutions.com/1D9208](http://www.motorolasolutions.com/1D9208) or access our global contact directory at [www.motorolasolutions.com/contactus](http://www.motorolasolutions.com/contactus)

**SPECIFICATIONS CHART**

**PHYSICAL CHARACTERISTICS**

Dimensions	5.512 in. H x 3.232 in. W x 3.150 in. D 14.0 cm H x 8.21 cm W x 8.0 cm D
Weight	9.5 oz./269 g
Voltage and Current	Idle: 5 ± 10% VDC @ 150ma average Scanning: 5 ± 10% VDC @ 230ma average
Color	Midnight Black, Alpine White

**PERFORMANCE CHARACTERISTICS**

Light Source	Aiming pattern: single dot, 625nm LED Illumination: 630nm LEDs
Scanner Field of View	46° Horizontal x 29.5° Vertical
Roll	360°
Pitch	± 65°
Yaw	± 60°
Print Contrast	25% minimum reflective difference
Swipe Speed (Vertical Read Rate)	Up to 90 in./2.3 m per second

**SYMBOLGY DECODE CAPABILITY**

1-D	UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/ EAN-13/JAN-8/JAN-13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code), Code 39 (Standard, Full ASCII, Trioptic, Code 32 (Italian Pharmacode), Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/ NW7, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)
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Nominal Working Range	Code 39 – 5 mil: 0 – 4.5 in. (0 – 11.4 cm) UPC/EAN – 10 mil (80%): 0 – 8.5 in. (0 – 21.6 cm) UPC/EAN – 13 mil (100%): 0 – 10.5 in. (0 – 26.7 cm)
Minimum Resolution	Code 39 – 4 mil UPC – 7.8 mil (60%)

Right out of the box, the 1D9208 can read all common 1D bar codes. Optional integrated Electronic Article Surveillance (EAS) functionality eliminates the need to purchase and manage a standalone EAS system. Simplify and reduce the cost of managing your 1D9208 scanners with 123Scan<sup>2</sup>. And with our unique support program, Service from the Start Advance Exchange Support, you can count on next-business-day device replacement — no questions asked — providing the uptime you need to keep business running smoothly.

**USER ENVIRONMENT**

Operating Temp.	32° F to 104° F / 0° to 40° C
Humidity	5% to 85% RH (non-condensing)
Drop Spec	Withstands multiple 5 ft./1.5 m drops to concrete
Ambient Light Immunity	Immune to natural and artificial ambient light (i.e. sunlight, incandescent, fluorescent, mercury vapor, sodium vapor)

**INTERFACES**

Interfaces Supported	USB, RS-232, RS-485 (IBM 46xx Protocols), Keyboard Wedge
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**REGULATORY**

Electrical Safety	UL6950-1, CSA C22.2 No. 60950-1:2nd ed., EN60950-1: 2nd ed. + A11: 2009 IEC60950-1: 2nd ed.
LED Safety	IEC / EN 60825-1: 2001 Class 1M LED, EN 62471: 2008 IEC 62471: 2006
EMI/RFI	FCC CFR47 Part 15 Class B: 2007, ICES-003 Issue 4 :2004 Class B, EN 55022: 2006 + A1: 2007, EN 55024: 1998 +A1: 2001 + A2: 2003 AS/NZS CISPR22:2006, VCCI:2007

Environmental	Compliant with RoHS Directive 2002/95/EC
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**OPTIONS**

Electronic Article Surveillance	Compatible with Checkpoint EAS deactivation systems
Accessories	Wall mount bracket; locking mount bracket

**WARRANTY**

Subject to the terms of Motorola's hardware warranty statement, the 1D9208 is warranted against defects in workmanship and materials for a period of 3 years from the date of shipment. For the complete Motorola hardware product warranty statement, go to: <http://www.motorola.com/warranty>

**RECOMMENDED SERVICES**

Support Services	Service from the Start Advance Exchange Support
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