



L: 8.4 cm; W: 6.3 cm; H: 15.2 cm

## Features & Benefits:

- Durable Single Board Construction Reduces Downtime and Repair Costs
- High Performance 1D Linear Scanner with First Time Accuracy and Increased Productivity
- Wide Working Range
- Multiple Interfaces
- Ergonomic and Lightweight Design
- Advanced Data Formatting to Modify Data Prior to Sending to Host Computer, Reducing Costly Modification to Host Software

## General Purpose, Handheld, Laser Scanner

LS2208 handheld scanner offers high performance scanning at a moderate price. It provides fast, reliable scanning in a durable, lightweight form factor, delivering enhanced productivity and efficiency while reducing total cost of ownership.

With aggressive scanning capabilities and a wide working range, from contact to 43 cm (17 inches) on 100% UPC/EAN symbols, the LS2208 accurately captures data fast.

The LS2208 is easy to deploy and use, thanks to its plug-and-play installation and intuitive, user-friendly design. A single cable connects to any computing environment, reducing setup and training time.

The LS2208's ergonomic, balanced form factor and lightweight design reduces user fatigue to maximize comfort and productivity. Plus the LS2208 offers a hands-free presentation stand option with easy switching between modes.

Engineered for continuous, heavy usage and tested to withstand multiple 1.5 m (5 ft.) drops to concrete, the LS2208 is durable. The patented single board construction eliminates a common point of failure – the interconnection between multiple boards -- and the liquid polymer scan element delivers integral shock protection to further ensure reliable operation. A scratch-resistant tempered glass exit window helps preserve barcode scanning accuracy.

Integrated multiple interfaces, universal cable compatibility, and support for emerging symbologies future-proofs your purchase.

## Applications:

- Retail Point of Sale (POS) and Backroom
- Patient Point of Care
- Libraries



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A Novanta Company

Scan Performance	
Type	Bidirectional
Light Source	650 nm visible laser diode
Scan Element Frequency	50 Hz
Scan Rate	100 scans per second (typical)
Print Contrast	20% minimum reflective difference
Roll/Pitch/Skew	Tilt: +/- 30° / +/- 65° / Yaw: +/- 60°
Decode Capabilities	UPC/EAN, UPC/EAN with Supplementals, UCC/EAN 128, Code 39, Code 39 Full ASCII, Code 39 TriOptic, Code 128, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, IATA, GS1 Databar (formerly RSS) variants, Chinese 2 of 5
Interfaces Supported	RS232, Keyboard Wedge, Wand, IBM 468X/9X, USB, Synapse and Undecoded
Mechanical/Electrical	
Dimensions	15.2 cm H x 6.3 cm W x 8.4 cm D (6" x 2.5" x 3.34")
Weight	146 grams (5.15 oz.)
Voltage & Current	5V +/- 10% at 130 mA typical, 175 mA maximum
Power Source	Host power or external power supply
Color	Cash register white or twilight black
Environmental	
Operating Temperature	0° to 50°C (32° F to 122° F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5 to 95% relative humidity, noncondensing
Drop	Functions normally after repeated 1.5 m (5') drops to concrete
Ambient Light Immunity	Immune to direct exposure of normal office and factory lighting conditions and sunlight
Electrostatic Discharge	Conforms to 15 kV air discharge and 8 kV of contact discharge
Depth of Field	
Label Density	Depth of Field
Code 39 5 mil	6 – 15.25 cm (2.5" – 6")
Code 39 7.5 mil	3.8 – 25.4 cm (1.5" – 10")
Code 39 10 mil	2.54 – 14.25 cm (1" – 14.25")
100% UPC 13 mil	0 – 43 cm (0" – 17")
Code 39 20 mil	0 – 58.5 cm (0" – 23")
Code 39 40 mil	0 – 76 cm (0" – 30")
Regulatory	
Electrical Safety	Certified to UL 1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA, Taiwan EMC, Japan VCCI/MITI/Dentori
Laser Safety	CDRH Class II, IEC Class 2
Environmental	Compliant with RoHS directive 2002/95/EEC
Accessories	
Hands-Free Intellistand	20-61019-01 or 20-61019-02
Warranty	Warranted against defects in workmanship and materials for 5 years (60 months) from date of shipment, provided that product remains unmodified and is operated under normal and proper conditions. See full warranty for details.

