

Trade Scales Limited

Symbol Scanning Solutions

Symbol LS-2208

Features

- ◆ **Durable construction** - single board construction; meets Motorola's stringent 5 ft. drop tests; scratch-resistant tempered glass exit window - Designed for continuous usage all day, every day; significantly reduces downtime and repair costs
- ◆ **High performance 1D linear scanner** - Accurate first time scanning; always ready for the next scan; increased productivity resulting in shorter check-out lines and better customer service
- ◆ **Wide working range** - contact to 17 in./43 cm on 100% UPC/EAN symbols - Improves productivity
- ◆ **Multiple interfaces** - RS232, USB, KBW (keyboard wedge), Wand, IBM 468X/9X, Synapse and Undecoded in one scanner - Simplifies installation and integration; future-proof solution helps ensure compatibility with your host/POS today and tomorrow
- ◆ **Plug-and-play** - universal cable; intuitive scanning - Rapid deployment; single cable connects to any computing environment; practically eliminates setup and training time for faster return on investment
- ◆ **Ergonomic and lightweight design** - Reduces user fatigue with sleek, balanced form for maximum user comfort and productivity
- ◆ **Hands-free Intellistand™** - Enables presentation scanning and easy switching between hands-free and handheld modes
- ◆ **Advanced Data Formatting (ADF)** - Enables users to modify data prior to sending to host computer, reducing costly modifications to the host software



Increased productivity, lower TCO – The Symbol LS2208 handheld scanner from Motorola offers high performance scanning at a moderate price point. From the retail point-of-sale and backroom to the patient bedside or school book checkout, the Symbol LS2208 provides fast, reliable scanning in a durable, lightweight form factor, delivering enhanced productivity and efficiency while reducing your total cost of ownership (TCO).

High performance scanning, fast – With aggressive scanning capabilities and a wide working range, the Symbol LS2208 accurately captures data fast, helping employees work quickly and efficiently. And you'll be up and running fast, because the Symbol LS2208 is easy to deploy and use, thanks to its plug-and-play installation and intuitive, user-friendly design, which requires little or no training. Plus the ergonomic, balanced form factor reduces user fatigue to maximize user comfort.

Durable, future-proof construction – The Symbol LS2208 is engineered for continuous, heavy usage all day, every day and has been tested to withstand multiple 5 ft./1.5m drops to concrete. 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. Scratch-resistant tempered glass helps preserve bar code scanning accuracy. Integrated multiple interfaces, universal cable compatibility and support for emerging symbologies provide the investment protection you need to help ensure that the scanner you buy today will work with the system you use tomorrow.

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Specifications

PHYSICAL CHARACTERISTICS	
Dimensions	6 in. H x 2.5 in. W x 3.34 in. D 15.2 cm H x 6.3 cm W x 8.4 cm
Weight	5.15 oz./146 gm
Voltage and Current	5 volts +/- 10% at 130 mA typical, 175 mA max
Power Source	Host power or external power supply
Colour	Cash Register White or Twilight Black
PERFORMANCE CHARACTERISTICS	
Scanner Type	Bi-directional
Light Source	650 nm visible laser diode
Scan Element Frequency	50Hz
Scan Rate	100 scans per second typical
Nominal Working Distance	See Chart Below
Print Contrast	20% minimum reflective difference
Roll (Tilt) (1)	1 +/- 30 degrees
Pitch (2)	2 +/- 65 degrees
Skew (Yaw) (3)	3 +/- 60 degrees
Decode Capability	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
USER ENVIRONMENT	
Operating Temp	32° to 122° F/0° to 50° C
Storage Temp	-40° to 158° F/-40° to 70° C
Humidity	5% to 95% relative humidity, non-condensing
Drop Specifications	Unit functions normally after repeated 5 ft./1.5 m drops to concrete
Ambient Light Immunity	Light Immune to direct exposure of normal office and factory lighting conditions, as well as direct exposure to sunlight
Electrostatic Discharge	Conforms to 15 kV air discharge and 8 kV of contact discharge
ACCESSORIES	
Hands-Free Intellistand™	20-61019-01 or 20-61019-02
REGULATORY	
Electrical Safety	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
EMI /FRI	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
Warranty	The Symbol LS2208 is warranted against defects in workmanship and materials for a period of 5 years (60 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See full warranty for details.
(1) Roll (Tilt)	Controlled by rotating the wrist clockwise or counter-clockwise
(2) Pitch	Controlled by dropping or raising the wrist
(3) Skew (Yaw)	Controlled by rotating the wrist from left to right or vice versa

Label Density	Depth of Field	
	LS2208	
Paper Label	Imperial	Metric
Code 39 - 5 mil	2.50" - 6.00"	6 - 15.25 cm
Code 39 - 7.5 mil	1.50" - 10.00"	3.8 - 25.4 cm
Code 39 - 10 mil	1.00" - 14.25"	2.54 - 14.25 cm
100% UPC - 13 mil	0" - 17.0"	0 - 43 cm
Code 39 - 20 mil	0" - 23.00"	0 - 58.5 cm
Code 39 - 40 mil	0" - 30.00"	0 - 76 cm