Grupo **megabyte**

ZEBRA

Zebra LS1203-HD

Excellent value for everyday use
The LS1203-HD handheld scanner from Zebra delivers high quality laser scanning, user-friendly ergonomics and durability at an affordable price. Designed for electronics manufacturers who need to scan small, high density 1-D bar codes on PCB assemblies for track, trace, quality and other applications, the LS1203-HD provides the performance and features needed to boost productivity day in and day out. Easy and comfortable to use, this high-value cost-effective scanner offers the reliability and investment protection that have made Zebra the global leader in handheld bar code scanning

Durable construction combined with future-proofing
With a single board construction and durable scan element, the LS1203-HD can easily stand up to daily use and those inevitable drops. With everyday operation you can count on, the LS1203-HD ensures minimal maintenance costs and maximum uptime. And integrated multiple interfaces provide the investment protection you need to ensure that the scanner you buy today will work with tomorrow's POS system.

Increased productivity from the start
The LS1203-HD provides the power to improve operational efficiencies right out of the box. Optimized to read small high density 1-D bar codes, the LS1203-HD provides quick and accurate data capture, increasing efficiency on the factory floor and speeding the manufacturing process. Intuitive to use, the LS1203-HD virtually eliminates training requirements - employees are up and running in minutes. And, the plug-and-play design virtually eliminates installation hassles.

Proven quality you can trust
When you choose the LS1203-HD, you receive the added assurance of purchasing a product from Zebra — the global leader in handheld bar code scanning with millions of scanners in use every day by the world's largest organizations worldwide. And since even the most durable products require a maintenance plan and support strategy, Zebra has designed a full complement of service offerings to help you protect your investment and maintain peak performance.

To learn more about the LS1203-HD, visit **www.zebra.com/ls1203hd**. Or, access our global contact directory at **www.zebra.com/contact**

FEATURES

Durable construction: single board construction; meets Zebra's stringent 5 ft. drop tests
Designed for continuous usage all day, every day; significantly reduces downtime and repair costs

Multiple interfaces: RS232, USB, KBW (keyboard wedge) in one scanner
Simplifies installation and integration; future-proof solution ensures compatibility with your host/ POS today and tomorrow

Ergonomic hybrid design featuring sleek , lightweight, balanced form facto
Maximum comfort for all day use; reduces user fatigue

Intuitive scanning; plug and play design
Practically eliminates setup and training time for faster return on investment

High quality 1-D linear scanner — choice of triggered or Auto-Scan™ (continuous mode) scanning
Accurate first time scanning; always ready for the next scan

LS1203-HD Specifications

PHYSICAL CHARACTERISTICS

Dimensions:	2.4 in. H x 7.1 in. L x 2.4 in. W 6.2 cm H x 18 cm L x 6 cm W
Weight (w/o cable):	Approximately 4.3 oz. (122 g)
Voltage & Current:	5 +/-10%VDC @ 100 mA (Stand

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

	by: <35 mA)
Power Source:	Host power or external power supply
Color:	Twilight Black

PERFORMANCE CHARACTERISTICS

Scanner Type:	Bi-directional
Light Source (Laser):	650nm laser diode
Scan Rate:	100 scans per second
Typical Working Distance:	See decode zone
Print Contrast Min.:	30% minimum reflectance
Roll (Tilt):[1]	± 30° from normal
Pitch:[2]	± 65°
Skew (Yaw):[3]	± 60°
Decode Capability:	UPC/EAN, UPC/EAN with Supplementals, GS1-128 (formerly 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, GS1DataBar (formerly RSS), Chinese 2 of 5
Interfaces Supported:	RS-232; Keyboard Wedge; USB

Drop Specs:	Withstands multiple 5 ft./1.524m drops to concrete
Ambient Light Immunity	Immune to direct exposure of normal office and factory lighting conditions, as well as direct exposure to sunlight
Beeper Volume:	User-selectable: three levels
Beeper Tone:	User-selectable: three tones
Electrostatic Discharge (ESD):	Conforms to 15 kV air discharge and 8 kV of contact discharge

WARRANTY

The LS1203-HD is warranted against defects in workmanship and materials for a period of 3 years (36 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See full warranty for details.

REGULATORY

Electrical Safety:	UL1950, 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:	IEC Class 1

1 - Roll (Tilt): Controlled by rotating the wrist clockwise or counterclockwise
2 - Pitch: Controleed by dropping or raising the wrist
3 - Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa

Depth of Field

LABEL DENSITY	LS120	3-HD
Paper Label	English	Metric
Code 39 - 3 mil	Up to 1.50"	Up to 3.81 cm
Code 39 - 5 mil	Up to 3.75"	Up to 9.53 cm
Code 39 - 7.5 mil	Up to 4.50"	Up to 11.43 cm
Code 39 - 10 mil	Up to 5.25"	Up to 13.34 cm
100% UPC - 13 mil	Up to 5.25"	Up to 13.34 cm
Code 39 - 20 mil	Up to 6.63"	Up to 16.84 cm

ZEBRA TECHNOLOGIES

DATOS DE CONTACTO REGIONAL Y REDES SOCIALES

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