

**Special Features
SD1000 & SD2000:**

- KBW, RS232 and USB
- Elegant design
- Economic handheld CCD Scanner
- Cost effective solution
- Excellence reading distance
- Scan Rate 75 scans / sec

SD1000 & SD2000

SD1000 & SD2000



SD1000 & SD2000

SD1000 and SD2000 are elegant designed economic handheld CCD scanners which preserved the characteristics of previous product line with high performance and most cost effective solution.

Aside from the primary of excellence mechanical design, they have middle reading distance, 75 mm reading window, 75 scans / second; detachable cables and 3-in-1 interfaces.

	SD1000
Housing material	ABS
Weight	Approx. 118 gr (w/o cable)
Reading Indicator	Beeper and LED
Voltage	DC + 5 V ± 5%
Power Consumption	110 mA max
Interfaces	RS232 / USB / KBW
Light source	Visible red light 639 nm LED
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Depth of field	100 mm @ 20mil / 0.5 mm, PCS90%
Scan Rate	75 scans / sec
Resolution	4mil / 0.1 mm @ PCS90%
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 70°C Relative Humidity: 20% to 95% (non-condensing) Drop: 40 inch (100cm) drop on concrete surface
Ambient Light	5000 Lux max

	SD2000
Housing material	ABS
Weight	Approx. 119 gr (w/o cable)
Reading Indicator	Beeper and LED
Voltage	DC + 5 V ± 5%
Power Consumption	110 mA max
Interfaces	RS232 / USB / KBW
Light source	Visible red light 639 nm LED
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Depth of field	50 mm @ 20mil / 0.5 mm, PCS90% (contact type)
Scan Rate	75 scans / sec
Resolution	4mil / 0.1 mm @ PCS90%
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 70°C Relative Humidity: 20% to 95% (non-condensing) Drop: 40 inch (100cm) drop on concrete surface
Ambient Light	5000 Lux max



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SCANNER



SD1000

SD2000

SG303



SD100



LG313



SD500

SD313



SD100, SD500 & SD313



SD100

SD500

SD313

Special Features SD100:

- Economical and durable
- Ergonomic design
- Easy to use and configure
- Complete data formatting and editing capabilities
- Extensive connectivity
- Reads most commonly used bar code symbologies

Special Features SD500:

- Compact and slim size
- High scan rate
- Contact to middle reading range
- Quick-release cable design for 3 in 1 interface
- Support GS1 DataBar (RSS code)

Special Features SD313:

- KBW, RS232, USB and Wand Emulation
- Elegant design
- Economic handheld CCD Scanner
- Cost effective solution

Special Features SG303:

- 3-in-1 Interface (KBW, RS232, USB)
- High Performance gun-type CCD scanner
- Elegant design
- Ergonomic concept
- Operating under sunlight
- GS1 DataBar (RSS code)

Special Features LG313:

- Reads most commonly used bar code symbologies and GS1 DataBar
- 3-in-1 Interface (KBW, RS232, USB)
- User-replaceable, single cable interface to host
- Complete data formatting and editing capabilities
- Easy to program using bar codes
- Infrared auto-sensor for presentation mode

SG303 & LG313



SD100

The SD100 CCD barcode scanner is a reliable barcode reader suitable for a wide range of environments. Its features are perfect for retail, medical and light industrial applications.

The flexible, multiple interface design supports keyboard wedge, RS232 and USB interface by simply replacing the cable.

SD500

The SD500 is an elegant designed handheld CCD scanner which preserved the characteristics of previous product line with high performance and most cost effective solution.

Aside from the primary of excellence mechanical design, it has contact and middle reading distance, 50 mm reading window, 300 scans / second; detachable cable, 3-in-1 interface.

SD100	
Physical Characteristics	179.7 (L) x 81 (W) x 63.5 (H) mm, approx. 120 gr (w/o cable)
Width of Window	60 mm
Voltage	DC + 5 V ± 5%
Power Consumption	120 mA max
Interfaces	RS232 / USB / KBW
Light source	Visible red light 632 nm LED
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Reading Indicator	Beeper
Depth of field	60 mm @ 20mil / 0.5 mm, PCS90% (Contact type)
Scan Rate	100 scans / sec
Resolution	5mil / 0.127 mm @ PCS90%
EMC	FCC Part 15 Class B, EN55022, EN55024
Barcode types	GS1 DataBar, UPC / EAN / JAN, Code 39, EAN128, Full ASCII, Code 128, Inteleave 25, Martrix 25, CODABAR / NW7, Code 11, MSI / PLESSEY, Code 93, China Postage, Code 32 / Italian Pharmacy
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 70°C Relative Humidity: 20% to 95% (non-condensing) Drop: 40 inch (100cm) drop on concrete surface
Ambient Light	5000 Lux max

SD313

The SD-313 is an economic handheld CCD scanner which preserved the characteristics of previous product line with high performance and most cost effective solution.

Aside from the primary of excellence mechanical design, it has contact reading distance, 80 mm reading window, 100 scans / second.

SD500	
Interfaces	RS232 / USB / KBW
Depth of field	100 mm @ 20mil / 0.5mm, PCS90%
Width of field	50 mm from window
Scan Rate	200 scans / sec
Resolution	4mil / 0.1 mm @ PCS90%
Ambient Light	50.000 Lux Max.
Reading Indicator	Beeper and LED
Drop	40 inch (100 cm) drop on Concrete Surface

SD313	
Housing material	ABS & Rubber
Weight	Approx. 138 gr (w/o cable)
Reading Indicator	Beeper and LED
Voltage	DC + 5 V ± 5%
Power Consumption	130 mA max
Interfaces	RS232 / USB / KBW
Light source	Visible red light 632 nm LED
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Depth of field	50 mm @ 20mil / 0.5 mm, PCS90% (Contact type)
Scan Rate	100 scans / sec
Resolution	4mil / 0.1 mm @ PCS90%
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 70°C Relative Humidity: 20% to 95% (non-condensing) Drop: 40 inch (100cm) drop on concrete surface
Ambient Light	5000 Lux max

SG303

SG303 is a high performance gun-type CCD scanner implement with an advantage feature allowed end-user to operate it easily under sunlight.

This scanner supports long reading range, high scanning speed, quick-release cable design and integrated with the unique software configuration.

SG303	
Housing material	ABS & Rubber
Weight	Approx. 130 gr (w/o cable)
Reading Indicator	Beeper and LED
Voltage	DC + 5 V ± 5%
Power Consumption	140 mA max
Interfaces	RS232 / USB / KBW
Light source	Visible red light 635 nm LED
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Depth of field	280 mm @ 20mil / 0.5 mm, PCS90%
Scan Rate	300 scans / sec
Resolution	4mil / 0.1 mm @ PCS90%
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 70°C Relative Humidity: 20% to 95% (non-condensing) Drop: 40 inch (100cm) drop on concrete surface
Ambient Light	50.000 Lux max

LG313

LG313 is a gun-type scanner with high performance and most cost effective solution. Aside from the primary of excellence mechanical designed which implement with ergonomic concept which allowed end-user to grip comfortable.

It supports middle to long reading range, quick-release cable design detachable cable.

LG313	
Housing material	ABS & Rubber
Weight	Approx. 130 gr (w/o cable)
Reading Indicator	Beeper and LED
Voltage	DC + 5 V ± 5%
Power Consumption	125 mA max
Interfaces	RS232 / USB / KBW
Light source	Visible laser diode 675 nm
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Depth of field	600 mm @ 55mil / 1.4 mm, PCS90%
Scan Rate	35 scans / sec
Resolution	5mil / 0.127 mm @ PCS30%
Environmental	Operating Temperature: 0°C - 50°C Storage Temperature: -20°C - 70°C Relative Humidity: 20% to 95% (non-condensing) Drop: 40 inch (100cm) drop on concrete surface
Ambient Light	86.000 Lux max