



Metrologic®

MS6130

Features

- **Patented automatic trigger operation**
- **Push-button activation after dormant periods**
- **Low power consumption for extended battery life**
- **User-replaceable battery**
- **Dedicated transmitter(s) to receiver link**
- **9.1 meters (30') of operating range**

Metrologic's MS6130 cord-less handheld laser bar code scanner combines superior automatic scanning with the convenience of cord-less portability. The MS6130 provides an affordable alternative to conventional cabled devices: one-way wireless data communication. With an operating range of 9.1 meters (30'), mobility is no longer inhibited by restrictive cables.

As with all Metrologic hand-held scanners, the MS6130 delivers unsurpassed performance and reliability. At the heart of the MS6130 is Metrologic's IS4120 ScanQuest engine, featuring patented automatic activation and the latest scanning technology for fast, accurate reading. As the scanner is presented to bar coded items, they are automatically

sensed and scanned. Complete with an adjustable charging stand and remote MX003 Liberty® receiver, the MS6130 includes everything needed to experience the convenience of cordless scanning.

Incorporating the latest wireless technology, Metrologic has engineered a safe, versatile system which requires no special operating license. Using a patented control scheme, the MS6130 exhibits very low power consumption for extended battery life.

MS6130 standard features include: autodiscrimination of all standard bar codes, selectable long and short-range activation, integrated protective rubber bumper, battery reinditioner and replaceable battery packs.



MS6130

OPERATIONAL

Light Source	Visible Laser Diode 675 nm + 5 nm
Depth of Field	25.4 mm - 203.2 mm (1"-8") for 0.33 mm (13 mil) bar code
Width of Field	28.6 mm (1.125") @face; min 102 mm (4") @ 76.2 mm (3")
Scan Speed	52 scan lines per second
Scan Pattern	single scan line
Minimum Bar Width	0,17 mm (6.8 mil)
Decode Capability	Autodiscriminates all standard bar codes; for other symbologies call Metrologic
System Interface	MS6130: Wireless Liberty® Interface; (MX003 receiver for operation MX003: RS232, Light pen Keyboard wedge, Stand-Alone Keyboard Je nach...
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 80 data characters
Roll, Pitch, Yaw	42°, 68°, 52°
Beeper Operation	MS6130: beeps on low battery; MX003: 3 tones or no beep
Indicators (LED)	Red = laser on, ready to scan; Green = good read
Frequency of Transmission	434 MHz

MECHANICAL

Height	MS6130: 28 mm (1.1")	MX003: 24 mm (0.94")
Width	MS6130: 216 mm (8.5")	MX003: 88 mm (3.5")
Depth	MS6130-Head: 63 mm (2.5") MS6130-Handle: 48 mm (1.9")	MX003: 50 mm (1.9")
Footprint on Stand	MS6130: 100 mm x 135 mm (3.9" x 5.3")	
Weight	MS6130: 289 grams (10.2 ozs)	MX003: 80.3 grams (2.8 ozs)
Termination	MS6130: No termination	MX003: 10 pin modular, RJ45 connector
Cable	MS6130: No cable required	MX003: Straight 0.6 m (2') cable

ELECTRICAL

Input Voltage	MS6130: 3.6V (450mA-hour) rechargeable NiCAD batteriespack MX003: 5.0 VDC ± 0.25 V Battery Charger: 9.0 VDC ± 0.25 V
Battery Operating Life	6 hours (300 scans per hour of operation)
Power	MS6130: 800mW; MX003: 325 mW; Battery Charger: 1.8 W
Operating Current	MS6130: 220 mA; MX003: 65 mA; Battery Charger: 195 mA
DC Transformers	MX003: Class 2, 5 VDC@300mA; Battery Charger: Class 2, 9VDC@500mA
Laser Class	CDRH Class II, EN60825-1:1994/A11:1996 Class 1
EMI	FCC Certified, EN55022 Class A

MX003x-17	Receiver for XTAT or PS/2 Keyboardwedge Interface
MIC003x	Multi Interface receiver (see MIC data sheet)
MX003x-41	Receiver for RS232 and Lite pen emulation
MX003x-48	Receiver for XTAT or PS/2 Keyboardwedge, Comm. Cable single-ended

Operating Temperature	-20°C to 40°C (-4°F to 104°F)
Storage Temperature	-20°C to 50°C short term (recommended) -20°C to 35°C long term (recommended) store batteries seperately
Humidity	5% to 95% relative humidity, non-condensing
Light Levels	Up to 4842 Lux (450 footcandles)
Shock	Designed to withstand 1,5 m (5') drops
Contaminants	Sealed to resist airborne particulate contaminants
Ventilation	required

*Specifications subject to change without notice. Printed in Germany, April 2000. E&OE

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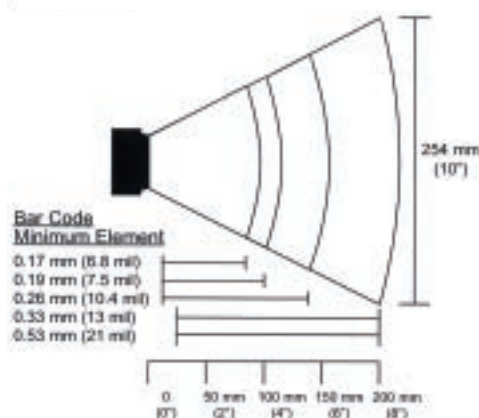
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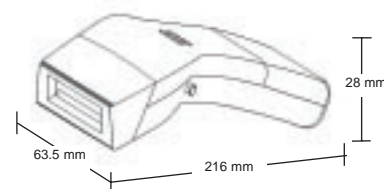
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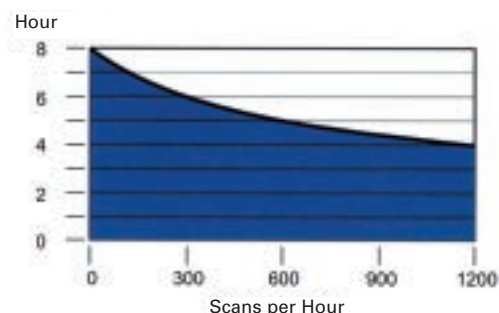
Scan Area



Dimensions



Battery Life



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