



Metrologic®

MS6130 cordless hand-held laser bar code scanner combines automatic scanning with cordless portability. MS6130's one-way wireless data communication has an operating range of 9.1 m (30').

MS6130

Features

- **Patented automatic trigger operation**
- **Momentary push-button for 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 cordless hand-held laser bar code scanner combines superior automatic scanning with the convenience of cordless 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.

At the heart of the MS6130 is Metrologic's IS4120 ScanQuest engine, featuring patented automatic activation and the latest in 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 charg-



ing 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, battery reconditioner and replaceable battery packs.



MS6130

OPERATIONAL

Light Source	Visible Laser Diode 675 nm \pm 5 nm
Laser Power	0.800 mW (peak)
Depth of Scan Field	25.4 mm - 203 mm (1" - 8") for 0.33 mm (13 mil) bar code
Width of Scan Field	28.6 mm (1.125") @ face; 102 mm (4") @ 76.2 mm (3")
Scan Speed	52 scan lines per second
Scan Pattern	Single scan line
Minimum Bar Width	0.173 mm (6.8 mil)
Decode Capability	Autodiscriminates all standard bar codes; for other symbologies call Metrologic
System Interfaces	MS6130: Wireless Liberty® Interface; MX003 required for operation MX003: RS232, Light Pen Emulation, Keyboard Wedge, Stand-Alone Keyboard
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 80 data characters
Roll, Pitch, Yaw	42°, 68°, 52°
Beeper Operation	MS6130: No tone during normal operation; beeps on low battery MX003: 3 tones or no beep
Indicators (LED)	MS6130: Red = laser on, ready to scan; Green = good read MX003: No LED indicators
Battery Life	Up to 8 hours at 60 scans per hour
Frequency of Transmission	912 MHz, 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 g (10.2 oz)	MX003: 80.3 g (2.8 oz)
Termination	MS6130: No termination	MX003: 10 pin modular, RJ45 connector
Cable	MS6130: No cable required MX003: Straight 0.6 m (2') cable; for other cables call Metrologic	

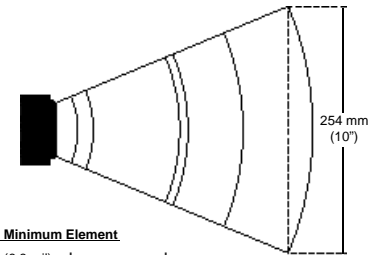
ELECTRICAL

Input Voltage	MS6130: 3.6 VDC (450 mA-hours) rechargeable NiCd batteries MX003: 5.0 VDC \pm 0.25 V Battery Charger: 9.0 VDC \pm 0.25 V
Power	MS6130: 800 mW, MX003: 325 mW, Battery Charger: 1.8 W
Operating Current	MS6130: 220 mA @ max capacity, MX003: 65 mA, Battery Charger: 195 mA
DC Transformers	MX003: Class 2; 5 VDC @ 300 mA Battery Charger: Class 2; 9 VDC @ 500 mA
Laser Class	CDRH: Class II, EN60825-1:1994/A11:1996 Class 1
EMC	FCC Certified (912 MHz only)

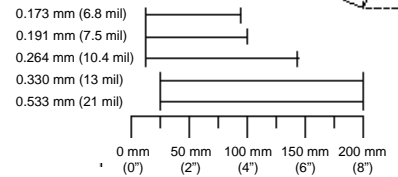
ENVIRONMENTAL

Operating Temperature	0°C to 35°C (32°F to 95°F)
Storage Temperature	-20°C to 35°C (-4°F to 95°F); store batteries separately
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	None required

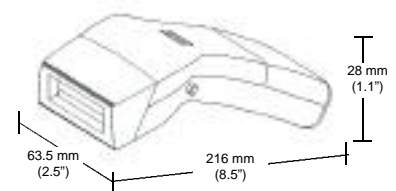
Scan Area



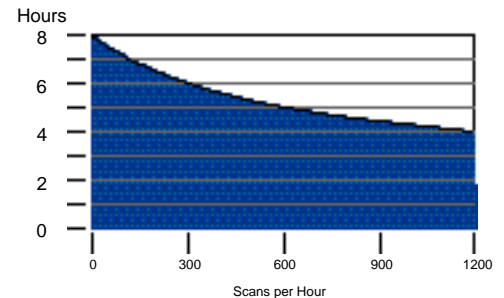
Bar Code Minimum Element



Dimensions



Battery Life



www.metrologic.com

USA
Tel. 1.800.ID.METRO
info@metrologic.com

Asia
Tel. 65.842.7155
info@sg.metrologic.com

AOA (only)
Tel. 1.617.806.1400
info@aoa.metrologic.com

China (only)
Tel. 86.512.2572511
info@cn.metrologic.com

South America
Tel. 5511.5505.6568
info@sa.metrologic.com

Japan (only)
Tel. 81.03.3839.8511
info@jp.metrologic.com

Brazil (only)
Tel. 5511.5505.2396
info@br.metrologic.com

Europe
Tel. 49.89.89019.0
info@europe.metrologic.com

Specifications subject to change without notice.
Printed U.S.A., Copyright June 2001
Metrologic, All rights reserved.



DS6130

Metrologic Instruments, Inc. | 90 Coles Road | Blackwood, NJ 08012-4683
Telephone 856-228-8100 or 1-800-ID-METRO | Fax 856-228-6673