



Handheld Laser Barcode Scanner

- Maximal decode resolution at 5mil for MD2250 Plus
- Decode range up to 1.5 meters for MD2250 Plus
- Maximal decode resolution at 3mil for MD2230 Plus
- Infra-red auto-induction for MD2250AT Plus & MD2230AT Plus
- Decode all major 1D barcode symbologies including GS1 DataBar
- Mirror surface reflection cancellation
- Over ten-million times for button-press
- With IP52 high performance ingress protection
- Passed multiple 4.0-meters-high drop tests
- Ready for all POS systems
- Easy firmware upgrade
- Flexible software customization
- Ergonomic, snappy and stylish design

Technical specifications

	MD2250 Plus / MD2250AT Plus	MD2230 Plus / MD2230AT Plus
Input voltage	5 VDC $\pm$ 0.25V	
Power	500 mW (Operating); 950 mW (Max.)	
Current	100 mA (Operating); 190 mA (Max.)	
Standby current	<250 μ A	
Laser	650nm laser diode	
Decoding rate	200 times/sec	
Scanning angle	$\pm$ 60°, $\pm$ 65°, $\pm$ 42° (Skew, Pitch, Roll)	
Decode capability	All major 1D barcode symbologies including GS1 DataBar variants	
Indicator	Beeper, LED	
Interface supported	Keyboard wedge, RS-232, USB Keyboard, USB virtual COM	
Operating mode	Hand-held, Infra-red induction for MD2250AT Plus & MD2230AT Plus	
Dimensions	9.5cm H $\times$ 6.7cm W $\times$ 15.4cm D	
Weight	168g, without cable	
Cable	Straight 2.0m	
Connector type	RJ-45 phone jack connector	
Case material	PC+TPU	
Temperature	0° to 50°C (32° to 120°F), Operating; -40° to 60°C (-40° to 140°F), Storage	
Humidity	5% to 95% (non-condensing)	
Programming method	Manual (reading special barcode)	
Program upgrade	Online	
Decoding depth & Max. resolution	5 mil: 40-110mm	3 mil: 5-50mm
	10 mil: 10-280mm	10 mil: 10-85mm
	13 mil: 15-315mm	13 mil: 10-150mm
	16 mil: 25-385mm	16 mil: 25-165mm
	35 mil: 145-630mm	35 mil: 145-295mm
Safety	Laser safety: EN60825-1, Class 1	
	EMC: EN 55022, EN 55024	
	Electrical safety: EN 60950-1	
	Drop resistance: Multiple 4.0m (13.1 ft) drops to concrete	
	Protection class: IP52	