GS1   FCC   CE   RoHS   IP65

Durable Handheld Laser Barcode scanner

- High performance scan rate at 100 scans/sec
- Lifetime scratch and abrasion resistance as the exit window made by chemically tempered float glass
- Passed multiple 5.0-meters-high drop tests
- Work perfectly in complicated environments with IP65 ingress protection
- Reliable safety design with ESD, EMC approval
- Decode all major 1D barcode symbologies including GS1 DataBar
- Ready for all POS systems
- Easy firmware online upgrade through USB or RS232 cable
- Flexible software customization

Technical specifications

	MD5250	MD5230
Input voltage	5 VDC ± 0.25V	
Current	120 mA (Operating); 145 mA (Max.)	
Standby current	<50mA	
Laser	650nm laser diode	
Scan repetition rate	100 ± 10 scans/second	
Scanning angle	±60°, ±65°, ±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	
Dimensions	9.1cm H × 6.9cm W × 18.8cm D	
Weight	238g, 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: 35-160mm	3 mil: 45-90mm
	10 mil: 20-320mm	5 mil: 22-130mm
	15 mil: 25-440mm	10 mil: 12-225mm
	20 mil: 30-565mm	15 mil: 20-305mm
	30 mil: 40-740mm	20 mil: 25-395mm
	55 mil: 75-985mm	55 mil: 80-730mm
Safety	Laser safety: EN60825-1, Class 1	
	ESD: 15 kV area discharge; 8 kV contact discharge	
	EMC: EN 55022, EN 55024	
	Electrical safety: EN 60950-1	
	Drop resistance: Multiple 5.0m (16.4 ft) drops to concrete	
	Protection class: IP65	

[Notice]: Specifications are subject to change without notice