

# MINDEO



CS-3290



CS-3260



MD-52xx



MD-2230



MD-2230M

The New Dimension of  
Data Capture & Collection

# Barcode Scanner Specifications



MD-2230M



MD-2230



CS-3260



CS-3290



MD-52xx

Model	MD-2230M	MD-2230	CS-3260	CS-3290	MD-52xx
Operational					
Light Source	650nm Visble Laser Diode				
Depth of Scan Field	0 – 380 mm (UPC/EAN 100%, PCS=90%)				
Scan Speed	100 scans per second				
Scan Method	Single laser scan mode				
Minimum Bar Width	MD-2230-LR = 0.1mm (4 mil) MD-2230-HD = 0.075 (3 mil)		0.1mm (4 mil)	0.1mm (4 mil)	MD-5250-LR = 0.1mm (4 mil) MD-5230-HD = 0.076 (3 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode				
Interfaces	Keyboard PS2, USB and RS-232 interfaces				
Print Contrast	Minimum 25%				
Indicator	Visual and Audio				
Physical					
Dimensions	(L)154 x (W)67 x (H)95 mm		(L)170 x (W)70 x (H)83 mm		(L)188 x (W)69 x (H)91 mm
Weight	140g	140g (without stand)	199g	199g (without cradle)	219g ( without stand )
Cable	Field replaceable, Standard 2.0M coil		Non Field replaceable	Field replaceable	Field replaceable Standard 2.0M coil
Power					
Input Voltage	5VDC +/- 2.5%		4.75 – 6.50 VDC		5VDC +/- 2.5%
Operating Current	85mm		500mA @ 5V		100mA
Battery			1300 mAh Lithium-ion battery		
Charge Time			Fully charged in 3.5 hours		
Standby Time			7 days		
Read Barcode per charge			160,000 scans per charge		
Radio Specification					
Coverage			200 meters (open area)		
Radio Link			433MHZ adaptive frequency hopping		
Environmental					
Operating Temperature	0° to 45° C (32°F to 113°F)				0° to 50° C (32°F to 120°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)				-20° to 60° C (-40°F to 140°F)
Humidity	5% to 85% (non-condensing)				5% to 95% (non-condensing)
Drop Durability	Designed to withstand 1.5M drops				Designed to withstand 4.0M drops and IP65

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