

# MINDEO



1D



## MD2930+/MD2950+ Handheld Laser Scanner

### Features

- 1 Read all common 1D barcodes
- 2 Ergonomic and stylish design
- 3 Compatible with all POS systems
- 4 Easy firmware upgrade
- 5 Support RS-232, USB Keyboard, USB virtual COM





# MD2930+/MD2950+ Specifications

## PHYSICAL CHARACTERISTICS

Dimensions	920 mm×700 mm×1800mm
Weight	175 g (without cable)
Cable	Straight, 2.0m
Connector Type	RJ45
Host System Interfaces	USB HIB Keyboard, USB virtual COM, RS232, PS/2 Keyboard
Indicator	Beeper, LED and Vibration
Operating Mode	Hand-held
Programming Method	Scanning special barcodes in sequence
Firmware Upgrade	Online

## ELECTRICAL CHARACTERISTICS

Input Voltage	5.0 ±5% VDC
Current	Working: 100 mA ( Max: 130 mA)

## PERFORMANCE CHARACTERISTICS

Decoding Rate	200 times/sec
Laser	645-660 nm laser diode
Scanning Angles	±60°, ±65°, ± 42°(skew, pitch, roll)
Print Contrast	25% minimum reflectance difference
Decoding Capability	All common 1D paper barcodes

### MD2950+ (Long Range)

5mil:	40 -110 mm
10mil:	10 -280 mm
13mil:	15- 315 mm
16mil:	25 – 385 mm
35mil:	145 - 630 mm

### MD2930+ (High Density)

3mil:	5 - 50 mm
10mil:	10 - 85 mm
13mil:	10 - 150 mm
16mil:	25 - 165 mm
35mil:	145 - 295 mm

## ENVIRONMENTAL CHARACTERISTICS

Temperature	Operating: 0°C to 50°C (32°F to 120°F); Storage: -40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% (non-condensing)
Safety	Laser Safety: EN62471, Class 1 EMC: EN55032, EN55024 Electrical Safety: EN60950-1 Drop resistance: Multiple 1.5 m drops to concrete Protection class: IP52

