



## Cordless Laser Barcode Scanner

- Customized decode resolution model of 5mil or 3mil
- Decode all major 1D barcode symbologies including GS1 DataBar
- 433MHz ISM frequency band
- Strong penetrating power for obstacle, up to 200 meters working range (open air)
- Two kinds of wireless network topology, point coordination and distributed coordination, are provided to match different environments, e.g. a place where mass data transmission at short intervals is in need, or mass scanners (up to 2000 pieces) operating simultaneously without disturbing to each other.
- 1400mAh Li+ battery: up to 16,000 scans per charge
- Built-in self-protected charging circuit
- Batch modes: out of range notice; 2,000 barcodes storage
- Reliable safety design: handheld case made of fire-resist material
- Lifetime scratch and abrasion resistance as the exit window made by chemically tempered float glass
- Easy firmware upgrade
- Intelligent barcode sorting technology: different scanners within one cluster can provide result to different software applications in one machine.
- Flexible software customization
- Customized RF mode of 2.4GHz Bluetooth is available.

## Technical specifications

Handheld Unit		
Dimensions	17.0cm H × 7.0cm W × 8.3cm D	
Weight	201 g	
Color	Gray	
Battery	1400 mAh Lithium-ion battery	
Charge time	Fully charged (>80%) in 3.5 hours	
Case material	Fire-resist ABS+TPU	
Light source	650 nm visible laser diode	
Decoding rate	200 times/sec	
Scanning angle	±60°, ±65°, ±42° (Skew, Pitch, Roll)	
Decode capability	All major 1D barcode symbologies including GS1 DataBar variants	
Indicator	Visual, Audio	
Operating mode	Handheld	
Programming method	Manual (reading special barcode)	
Program upgrade	Using RSM software, while a cradle unit is required	
Operating temperature	0°C to 50°C (32°F to 120°F)	
Storage temperature	-40°C to 60°C (-40°F to 140°F)	
Humidity	5% to 95% (non-condensing)	
Input voltage	4.75V – 6.5 VDC	
Operating current	12mA (standby); 90mA (scanning); 150mA (transmitting)	
Standby time	Over 7 days	
Read barcode/charge	Over 160,000 scans	
Working range	Up to 200 meters l (open air)	
Wireless communication	430.5 ~ 432.0MHz , 433.05 ~ 434.79MHz; Optional: 2.4GHz, Bluetooth, Class II	
Decoding depth & Max. resolution	Long-range series	High-density series
	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 1.5m (4.9ft) drops to concrete; Protection class: IP52	
Cradle		
Input voltage	5 VDC ± 0.25V	
Cable	Straight 2.0m (PS2) / Straight 1.5m (USB) / Straight 2.0m (RS-232 )	
Dimensions	21.3cm H × 9.7cm W × 7.5cm D	
Weight	189g (with cable)	
Indicator	Visual	
Case material	ABS	
Programming method	Manual (reading special barcode)	
Program upgrade	PC online using RSM software.	
Drop resistance	Multiple 1.2m (3.9ft) drops to concrete	

[Notice]: Specifications are subject to change without notice

