GS1   C E   RoHS   IP52   433MHz

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
- Multiplex of TDM/FDM technology
- Adaptive frequency hopping technique
- Adjustable RF power output
- Strong penetrating power for obstacle, up to 200 meters working range (open air)
- Support multipoint-to-multipoint real time communication: up to 8 clusters × 16 scanners/cluster = 128 scanners.
- 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

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 provided by the manufacturer, while a base 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 per charge	Over 160,000 scans per charge
Working range	Up to 200 meters1 (open air)
Radio link	430.5～432.0MHz , 433.05～434.79MHz with adaptive frequency hopping
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
Base unit	
Input voltage	5 VDC ± 0.25V
Cable	Straight 2.0m (PS2) / Straight 1.5m (USB) / Straight 2.0m (RS-232)
Dimensions	9.3cm H × 5.3cm W × 2.3cm D
Weight	115g (with cable)
Indicator	LED
Case material	ABS
Programming method	Manual or RSM software
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