

CS2190

Cordless 1D Laser Barcode Scanner

PERFECT FOR LOGISTIC & RETAIL USE

The CS2190 is designed for daily operation for warehouse or retail use, it offers cordless freedom with wireless performance.



- ✓ Stylish and ergonomic design
- ✓ Read all common 1D barcodes from paper labels
- ✓ Up to 100 meters working range
- ✓ Support point-to-point and multi-point data transmission
- ✓ Support batch mode capability (3,000 EAN-13 barcodes)
- ✓ Built-in rechargeable & replaceable battery, one full charge supports scanning for 21 hours
- ✓ Easy wireless communication setting method
- ✓ Vibration mode is ideal for noisy and quiet environments



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Mechanical

Working range	100 meters (open air)
Radio link	430.0~431.9 MHz , 433.3~434.7 MHz with adaptive frequency hopping
Dimensions (L x W x D)	Handheld unit: 90.2mm × 70mm × 180mm; Cradle: 118mm × 89.5mm × 74mm
Weight	Handheld unit: 210g; Cradle: 140g (without cable)
Indicator	Handheld unit: LED, beeper, vibration; Cradle: LED
Interface	USB Keyboard, USB Virtual COM, RS232, PS/2 Keyboard
Configuration method	Manual (reading special barcode)

Performance

Light source	650 nm visible laser diode
Decoding rate	200 times per second
Scanning angle	±60°, ±65°, ±42° (Skew, Pitch, Roll)
Print Contrast	20% minimum reflectance difference
Decode capability	1D: UPC-A / E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 128, Code 39, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, Codabar (NW7), China Post, China Finance, GS1 DataBar (formerly RSS) variants

Electrical

Cradle input voltage	DC 5 ± 0.25 V
Operating current	Handheld unit: 4mA (standby), 150mA (working) Cradle: 60mA (working), 500mA (charging)
Battery	1400 mAh Lithium-ion battery
Charge time	4 hours
Standby time	5 days
Operating time	21 hours (1 scan per 5 seconds)

Environmental

Operating Temperature	0°C to 50°C / 32°F to 120°F (operating); -40°C to 60°C / -40°F to 140°F (storage)
Humidity	5% to 95% (non-condensing)
Safety	Laser: EN60825-1, Class1 EMC: EN55022, EN55024 Electrical : EN60950-1
Protection	Sealing - IP51 Drop Resistance - Multiple 1.5 m (4.9 ft.) drops to concrete

[Notice] : Specification are subject to change without notice.

Decoding Depth*	
Resolution	Distance
3 mil Code 39 (3 chars)	20 - 70mm
5 mil Code 39 (3 chars)	0 - 120mm
10 mil Code 39 (3 chars)	0 - 280mm
13 mil UPC-E (6 chars)	0 - 350mm
20 mil Code 39 (3 chars)	25 - 480mm
* Performance vary by bar code printing quality and environmental conditions.	