

MINDEO



1D



CS2190

Cordless Image Scanner

Features

- 1 Stylish and ergonomic design, small base saves installation space
- 2 Read all common 1D barcodes from paper labels
- 3 Working range reaches up to 100 meters
- 4 Support point-to-point and multi-point data transmission
- 5 Support batch mode capability (3,000 UPC-A barcodes)
- 6 Built-in rechargeable & replaceable battery, one full charge supports scanning for 36 hours
- 7 Brand-new, easy wireless communication setting method guarantees convenient operation
- 8 Support vibration mode, ideal for both noisy and quiet environment

CS2190 Specifications

Communication Characteristics

Working Range	100 meters (open air)
Radio Link	430.0~431.9 MHz , 433.3~434.7 MHz with adaptive frequency hopping

Mechanical Characteristics

Dimensions (L × W × D)	Handheld unit: 90.2 mm × 70 mm × 180 mm; Cradle: 118 mm × 89.5 mm × 74 mm
Weight	Handheld unit: 207 g; Cradle: 140 g (without cable)
Indicator	Handheld unit: LED, beeper, vibration; Cradle: LED
Programming Method	Manual (reading special barcode)
Firmware Upgrade	Using Flash Utility software, while a cradle is required.
Interface	USB Keyboard, USB Virtual COM, RS232, PS/2 Keyboard

Electrical Characteristics

Input Voltage	DC 5 ± 0.25 V
Current	Handheld unit: 4 mA (standby), 150 mA (working) Cradle: 60 mA (working), 500 mA (charging, maximum)
Battery	2600 mAh Lithium-ion battery
Charge Time	6 hours
Standby Time	7 days
Operating Time	36 hours (1 scan per 5 seconds)

Performance Characteristics

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 reflection difference
Minimum Resolution	3 mil
Decoding Capability	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants
Decoding Depth	3 mil Code 39 (3 chars): 20 - 70 mm 5 mil Code 39 (3 chars): 0 - 120 mm 10 mil Code 39 (3 chars): 0 - 280 mm 13 mil UPC-E (6 chars) : 0 - 350 mm 20 mil Code 39 (3 chars): 25 - 480 mm 30 mil Code 39 (2 chars): 15 - 650 mm

Environmental Characteristics

Temperature	0° to 50°C (32° to 122°F), operating; -40° to 60°C (-40° to 140°F), storage
Humidity	5% to 95% (non-condensing)
Safety	Laser safety: EN60825-1, Class 1 EMC: EN55032, EN55024 Electrical Safety: EN60950-1 Sealing: IP51 Drop Resistance: Multiple 1.5 m (4.9 ft.) drops to concrete

For more information:
www.mindeo.cn

Shenzhen MinDe Electronics Technology Ltd.

Telephone : +86 (0)755 8614 1288
E-mail : info@mindeo.cn

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

MINDEO®

CS2190 V1.5
© 2017 MINDEO