

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

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

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