CS2290

Cordless Barcode Scanner

MINDEO®

1D/2D

TÜVRheinland® | FC | CE | RoHS | GS1 | USB | RS-232 | PS/2 | 433MHz

Features

- Stylish and ergonomic design, small base saves installation space
- Read all common 1D/2D barcodes from paper labels and electronic screens
- Working range reaches up to 100 meters
- Support point-to-point and multi-to-point data transmission
- Support batch mode capability (3,000 UPC-A barcodes can be stored)
- Built-in rechargeable & replaceable battery, one full charge supports scanning for 46 hours and standby for 4.5 days
- Brand-new, easy wireless communication setting method guarantees convenient operation
- Support vibration mode, ideal for both noisy and quiet environment
- Soft white auxiliary lighting and green aiming cursor deliver comfortable and convenient scanning experience

CS2290 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: 210 g; Cradle: 140 g (without cable)
Indicator	Handheld unit: LED, beeper, vibration; Cradle: LED
Interface	USB Keyboard, USB Virtual COM, RS232, PS/2 Keyboard

Electrical Characteristics	
Input Voltage	DC 5 ± 0.25 V
Current	Handheld unit: 20 mA (standby), 350 mA (working) Cradle: 60 mA (working), 500 mA (charging, maximum)
Battery	1400 mAh Lithium-ion battery
Charge Time	4 hours
Standby Time	4.5 days
Operating Time	46 hours (1 scan per 5 seconds)

Performance Characteristics			
Image Size	1280 × 800 pixels		
Field of View	Horizontal: 42°, vertical: 26.5°		
Scanning Angle	±70°, ±75°, 360° (Skew, Pitch, Roll)		
Print Contrast	20% minimum reflectance difference		
Decoding Capability	1D: 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 2D: PDF417, MicroPDF417, QR code, DataMatrix, Han Xin code, Aztec Code		
Minimum Resolution	HD: 1D (Code 39): 3 mil, 2D (QR): 5 mil SR: 1D (Code 39): 4 mil, 2D (PDF417): 6.7 mil		
		High desity series (HD)	Standard range series (SR)
	3 mil Code39 (3 chars)	10 mm – 61 mm	/
	4 mil Code 128 (9 chars)	5 mm – 88 mm	55 mm – 106 mm
	13 mil UPC (6 chars)	0 mm – 179 mm	0 mm – 335 mm
Decoding Depth	20 mil Code39 (1 char)	10 mm – 253 mm	8 mm – 480 mm
	5 mil QR (40 chars)	7 mm – 65 mm	/
	6.7 mil PDF417 (20 chars)	0 mm – 105 mm	37 mm – 145 mm
	10 mil QR (20 chars)	0 mm – 134 mm	0 mm – 168 mm
	20 mil QR (20 chars)	0 mm – 215 mm	0 mm – 345 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	EMC: EN55022, EN55024	Electrical Safety: EN60950-1	Photobiological Safety: EN62471:2008 Illumination: 0~100,000 LUX	Protection Class: IP52	Drop Resistance: Withstands multiple 1.5 m (5 ft.) drops to concrete

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

For more information:
www.mindeo.cn

Shenzhen MinDe Electronics Technology Ltd.

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

MINDEO ®