

CS2290

Cordless Image Scanner

1D/2D



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-point data transmission
- Support batch mode capability (5,000 EAN-13 barcodes)
- Built-in rechargeable & replaceable battery, one full charge supports scanning for 25 hours or standby for 60 hours
- 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: 225 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: 45 mA (standby), 600 mA (working) Cradle: 60 mA (working), 500 mA (charging, maximum)
Battery	2600 mAh Lithium-ion battery
Charge Time	6 hours
Standby Time	60 hours
Operating Time	25 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), UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Financial DataBar (formerly RSS) variants 2D: PDF417, MicroPDF417, QR code, DataMatrix, QR Code, Aztec Code, HanXin Code, Micro QR, Codablock F Code, Maxicode
Minimum Resolution	HD: 1D (Code 39): 3 mil, 2D (QR): 5 mil SR: 1D (Code 39): 4 mil, 2D (PDF417): 6.7 mil

		High density series (HD)	Standard range series (SR)
Decoding Depth	3 mil Code 39 (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
	20 mil Code 39 (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: EN55032, EN55035 Electrical Safety: EN62368-1 Photobiological Safety: EN62471:2008 Illumination: 0~100,000 LUX Protection Class: IP51 Drop Resistance: Withstands multiple 1.5m (5ft.) drops to concrete

