CODESOFT

CS2290

Cordless 2D Imager Scanner

PERFECT FOR LOGISTIC & RETAIL USE

The CS2290 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/2D barcodes from printing material and electronic screens

✓ 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 46 hours

✓ Soft white auxiliary lighting and green aiming cursor deliver better scanning performance

✓ Vibration mode is ideal for noisy and quiet environments

CS2290

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

Performance

Image size	1280 x 800 pixels
Field of view	Horizontal: 42°, vertical: 26.5°
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 2D: PDF417, MicroPDF417, QR code, DataMatrix, Han Xin code, Aztec Code

Electrical

Cradle input voltage	DC 5 ± 0.25 V
Operating current	Handheld unit: 20mA (standby), 350mA (working) Cradle: 60mA (working), 500mA (charging)
Battery	1400 mAh Lithium-ion battery
Charge time	4 hours
Standby time	4.5 days
Operating time	46 hours (1 scan per 5 seconds)

Environmental

Operating Temperature	0ºC to 50ºC / 32ºF to 120ºF (operating); -40ºC to 60ºC / -40ºF to 140ºF (storage)
Humidity	5% to 95% (non-condensing)
Safety	Photobiological : EN62471:2008	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	(High Density-HD)	(Standard Range-SR)
3 mil Code 39 (3 chars)	10 - 61mm	/
4 mil Code 128 (9 chars)	5 - 88mm	55 - 106mm
13 mil UPC (6 chars)	0 - 179mm	0 - 335mm
20 mil Code 39 (1 chars)	10 - 253mm	8 - 480mm
5 mil QR (40 chars)	7 - 65mm	/
6.7 mil PDF417 (20 chars)	0 - 105mm	37 - 145mm
10 mil QR (20 chars)	0 - 134mm	0 - 168mm

* Performance vary by bar code printing quality and environmental conditions.