

2D Cordless Barcode Scanner

CS 3290-2D



- Read all major 1D and 2D symbols
- Read inverse symbol
- Read DPM symbol
- Read symbol on phone screen
- 433MHz ISM frequency band
- Strong penetrating power for obstacle, up to 200 meters working range (open air)
- Two kinds of wireless network topology, point coordination and distributed coordination, are provided to match different environments, e.g. a place where mass data transmission at short intervals is in need, or mass scanners (up to 2000 pieces) operating simultaneously without disturbing to each other.
- Built-in self-protected charging circuit
- Reliable safety design with CE, EMC, RoHS, Class I laser safety, Photobiological safety approval
- Lifetime scratch and abrasion resistance as the exit window made by chemically tempered float glass
- Easy firmware upgrade
- Flexible software customization
- Customized RF mode of 2.4GHz Bluetooth is available.



Technical specifications

Handheld Unit		
Dimensions	Length × Width × Depth: 17.0 × 7.0 × 8.3 cm	
Weight	201g	
Color	Gray	
Battery	1400 mAh Lithium-ion battery	
Charge time	Fully charged (>80%) in 3.5 hours	
Case material	Fire-retardant ABS+TPU	
Image size	752 × 480 pixels	
Scanning angle	±60°, ±40°, ±42° (Skew, Pitch, Roll)	
Decode 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, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, China Finance, GS1 DataBar (formerly RSS) variants	
	2D: PDF417, MicroPDF417, QR code, DataMatrix, Han Xin code	
Min. element width	5mil (HD series), 1 mil = 0.0254mm	
Decoding depth	5 mil Code 39 (20 chars): 37 mm – 77 mm	6.7 mil PDF417 (20 chars): 25 mm – 90 mm
	13 mil UPC (12 chars): 17 mm – 150 mm	10 mil DM (20 chars): 15 mm – 115 mm
	20 mil Code 39 (5 chars): 55 mm – 195 mm	20 mil QR (20 chars): 9 mm – 175 mm
Indicator	Visual, Audio	
Operating mode	Handheld	
Programming method	Manual (reading special barcode)	
Program upgrade	Using RSM software, while a cradle unit is required. Refer to RSM user manual.	
Temperature	0° to 50°C (32° to 120°F), Operating; -40° to 60°C (-40° to 140°F), Storage	
Humidity	5% to 95% (non-condensing)	
Input voltage	4.75V – 6.5 VDC	
Standby time	Over 7 days	
Working range	Up to 200 meters l (open air)	
Radio link	430.5 ~ 432.0MHz , 433.05 ~ 434.79MHz with adaptive frequency hopping	
Safety	Laser safety: EN60825-1, Class 1	
	EMC: EN 55022, EN 55024	
	Electrical safety: EN 60950-1	
	Photobiological safety: EN 62471:2008	
	Drop resistance: Multiple 1.2m (3.9ft) drops to concrete	
Protection class: IP52		
Cradle		
Input voltage	5 VDC ± 0.25V	
Cable	Straight 2.0m (PS2) / Straight 1.5m (USB) / Straight 2.0m (RS-232)	
Dimensions	Length × Width × Depth: 21.3 × 9.7 × 7.5cm	
Weight	189g (without cable)	
Indicator	Visual	
Case material	ABS	
Programming method	Manual (reading special barcode)	
Drop specifications	Unit functions normally after repeated 1.2m (3.9ft) drops to concrete	

[Notice]: Specifications are subject to change without notice