

Cordless Image Scanner

CS3290-2D/CS3290-2D-BT



- Read all major 1D and 2D symbols
- Read symbols from mobile phones / inverse symbols / DPM symbols
- Omnidirectional scanning
- Two kinds of wireless network topology (point coordination and distributed coordination)
- Point-to-point and multi-point transmission
- Strong penetrating power for obstacle, up to 200 meters working range (open air)
- Batch modes: out of range notice; 4,000 UPC barcode storage
- Built-in self-protected charging circuit
- Exit window made by chemically tempered float glass
- Intelligent barcode sorting technology: different scanners within one cluster can provide result to different software applications in one machine
- Easy firmware upgrade



CS3290-2D/CS3290-2D-BT Specifications

Handheld Unit			
Model	CS3290-2D		CS3290-2D-BT
Working range	Up to 200 meters (open air)		Up to 100 meters (open air)
Radio link	433 MHz with adaptive frequency hopping		2.4 GHz Bluetooth V2.1+EDR, Class 1
Dimensions	L × W × D: 170 mm × 70 mm × 83 mm		
Weight	222 g		
Color	Gray		
Battery	1400 mAh Lithium-ion battery		
Charge time	Fully charged (>80%) in 3.5 hours		
Standby time	Over 3 days		
Read barcode per charge	Over 5 hours per charge		
Case material	PC + TPU		
Image size	838 × 640 pixels		
Scanning angle	±60°, ±65°, ±360° (Skew, Pitch, Roll)		
Decode capability	1D: All major 1D symbols including GS1 DataBar		
	2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code		
Indicator	Beeper, LED		
Programming method	Manual (reading special barcode)		
Program upgrade	Using RSM software, while a cradle unit is required. Refer to RSM user manual.		
Temperature	-20° to 55°C (-4° to 131°F), Operating; -40° to 70°C (-40° to 158°F), Storage		
Humidity	5% to 95% (non-condensing)		
Input voltage	4.75 V – 6.5 VDC		
Operating current	20 mA (standby); 230 mA (scanning); 160 mA (transmitting)		
Max. resolution	3.5mil, 1 mil = 0.0254 mm		
Decode depth	3.5mil Code128 (9 chars): 1.5 cm – 3.5 cm		6.7mil PDF417 (20 chars): 0.0 cm – 7.5 cm
	5 mil Code39 (20 chars) : 0.8 cm – 5.5 cm		10 mil DM (20 chars) : 0.0 cm – 11.5 cm
	13mil UPC (12 chars) : 0.7 cm – 16.5 cm		20 mil QR (20 chars) : 0.0 cm – 19.5 cm
	20mil Code39 (5 chars) : 3.5 cm – 21.0 cm		
Laser safety: EN60825-1, Class 1 EMC: EN55022, EN55024 Electrical safety: EN60950-1			
Drop resistance: Multiple 1.2 m (3.9 ft) drops to concrete Protection class: IP52			
Cradle			
Input voltage	5 VDC ± 0.25 V	Program upgrade	PC online using RSM software.
Cable	PS2/ USB/ RS-232	Temperature	-20° to 55°C (-4° to 131°F), Operating;
Dimensions	L × W × D: 213 × 97 × 75 mm		-40° to 70°C (-40° to 158°F), Storage
Weight	189 g (without cable)	Humidity	5% to 95% (non-condensing)
Indicator	LED	Drop specifications	Unit functions normally after repeated 1.2 m drops to
Case material	ABS + TPU		concrete

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