

C850 Portable Wireless 2D Barcode Scanner



PRODUCT OVERVIEW

Model	C850
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D/2D
Scan Engine	CMOS
Sensor Resolution	640×480
Illumination	White LED 6500k Red LED 625 nm 0~100000 lux
Aiming System	Red LED 625 nm
Minimum Element Resolution	1D≥5 mil Code39 2D≥7 mil QR Code
Minimum Print Contrast	≥25%
Angular Tolerance	Roll360°, Pitch ± 60°, Skew ± 60° Horizontal: 42° Vertical: 31°
Depth of Field	Code128 5 mil 6 bit 4-10 cm QR Code 20 mil 16 bit 2.5-25 cm PDF417 6.8 mil 6 bit 3.5-22 cm EAN13 13 mil 13 bit 4.5-27 cm Data Matrix 10 mil 20 bit 2.5-9.5 cm
Supported Symbolologies	1D UPC-A/UPC-E, EAN13/EAN8/ISBN/ISSN, Code128/GS-128, Code39, Code93, Code32, Code11, Codabar, MSI Plessey, ITF25, STD25, Matrix25, IND25, HK25, Pharma code, Telepen, Trioptic code, Brazilian bank code, Postal Code, GS1 DataBar, GS1 Composite code 2D QR Code/Micro QR, Data Matrix, PDF417/Micro pdf417, Aztec, MaxiCode, Han Xin
Trigger Modes	Manual trigger, Continuous mode, Presentation mode

Connectivity & Wireless

Connectivity	Wired, Wireless, 2.4 GHz, Bluetooth 2.4 GHz wireless+Bluetooth (supported versions 2.0, 3.0, 4.0, 4.2) +Wired connection
Host Interfaces	USB
Wireless Range	2.4 GHz: 65 m Bluetooth: 20 m
Onboard Memory	64kb~2M

Power

Battery Capacity	1200 mAh
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Power	
Operating Time	3 minutes to enter standby
Standby Time	3 minutes to enter standby
Charge Time	3-4 hours 5V 2A
Operating Voltage	DC 5V±5% 125 mA 0.6µA

Physical Specifications	
Dimensions	L × W × H (mm):125 × 25 × 41 mm
Weight	Approx. 72 g
Enclosure Material	ABS
Color Options	White, Blue
Cable Length	1.2 m
Stand Included	No
User Feedback	Buzzer, LED indicator, Vibration

Environmental & Compliance	
Drop Resistance	1 m free-fall drop
Operating Temperature	-10°C-50°C
Storage Temperature	-20°C-70°C
Relative Humidity	5%-95% (non-condensing)
Ambient Light Immunity	0~100000 lux
Certifications	CE RoHS FCC antimicrobial test report approvals