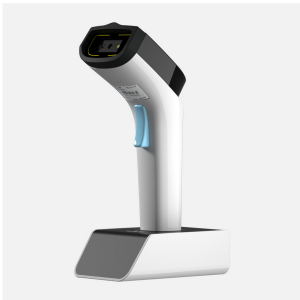


DS8500 Wireless 2D RFID Barcode Scanner



PRODUCT OVERVIEW

Model	DS8500
Product Type	Barcode Scanner with RFID Reader

Barcode - Scanning Performance

Decode Capabilities	1D/2D/RFID
Scan Engine	CMOS
Image Sensor	CMOS
Sensor Resolution	CMOS 640×480,global exposure light
Illumination	Aiming: Red LED aimer White LED illumination 60000 lx
Minimum Element Resolution	1D ≥4 mil
Minimum Print Contrast	≥20%
Angular Tolerance	48° H:40° V:30°
Depth of Field	EAN-13 50 mm-220 mm (13 mil) Code39 40 mm-100 mm (5 mil 10 bytes) QR Code 25 mm-240 mm (20 mil 16 bytes) Data Matrix 50 mm-100 mm (10 mil 20 bytes) PDF 417 30 mm-140 mm (6.67 mil 7 bytes) 50 cm
Supported Symbolologies	2D QR Code, Data Matrix, PDF417,Aztec, MaxiCode, Han Xin Code
Trigger Modes	Area-imaging

Barcode - Connectivity & Wireless

Connectivity	2.4 GHz wireless, Bluetooth
Wireless Range	2.4 GHz: up to 100 m Bluetooth: up to 20 m
Onboard Memory	64kb

Barcode - Power

Battery Capacity	2000 mAh
Charge Time	5-7 hours
Operating Voltage	DC5.0V±5%

Barcode - Physical Specifications	
Dimensions	Scanner: 190 × 62 × 80 mm Cradle: 111 × 75 × 40 mm
Color Options	Black/White/Yellow
Cable Length	1.2 m
Stand Included	Yes

Barcode - Environmental & Compliance	
Operating Temperature	-10°C-50°C
Storage Temperature	-20°C-70°C
Relative Humidity	5%-95% (non-condensing)
Ambient Light Immunity	60000 lx

RFID - RFID Performance	
RFID Band	UHF
Operating Frequency	865–868 MHz (EU variant); 902–928 MHz (US variant)
RFID Read Range	Up to 50 cm
Antenna	2dBi ceramic antenna

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