

DS-8500



Specification

1. Optical Properties		
1.1	Image Sensor	CMOS
1.2	Resolution	640×480, global exposure
1.3	Light Source	(Aimer) Red color LED / (Illumination) White color LED
1.4	Scan Mode	Image Scanning
1.5	Accuracy	1D ≥4mil / 2D ≥5mil
1.6	Printing Contrast	≥20%
2. Decoding Performance		
2.1	Field of View	D:48° H:40° V:30°
2.2	Scan Performance: (Scanning Depth of Field)	EAN-13 50mm-220mm (13mil) Code39 40mm-100mm (5mil 10 byte) QR Code 25mm-240mm (20mil 16 byte) Data Marix 50mm-100mm (10mil 20 byte) PDF 417 30mm-140mm (6.67mil 7 byte)
2.3	Decoding Ability	2D QR Code, Data Matrix, PDF417, Aztec, Maxicode, Hanse code 1D EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 Databar, GS1 Composite Code, Code 11, Industrial 25, Standard 25, Plessey,

RFID Specification

- Support EPC C1Gen2 V1.2/ISO18000-6C
- Suitable for clothing, retail, industrial automation and other industries

Carrier Frequency	840MHz ~960MHz
Antenna	2dBi ceramic antenna
Maximum RFID Reading Range	50CM

Basic Parameters

1. Physical Properties		
1.1	Size:	Scanner: 190*62*80mm Holder: 111*75*40mm
1.2	Cable	1.2m
1.3	Color	black/white/yellow
2. Electrical Characteristics		
2.1	Operating Voltage	DC5.0V±5%
2.2	Maximum Current	395mA
2.3	Battery Capacity	2000MAH
2.4	Charging Time	5-7hours
3. Transmission Performance		
3.1	Transfer Method	2.4G Transfer Bluetooth transmission (Bluetooth 4.2)
3.2	Communication Distance	2.4G mode open viewing distance ≤100 meters Bluetooth open viewing distance ≤20 meters
4. Operating Environment		
4.1	Usage Environment	-10°C-50°C
4.2	Storage Temperature	-20°C-70°C
4.3	Working Humidity	5%-95% (No condensation)
4.4	Ambient Lighting	60000 lx

*Test Conditions: ambient temperature = 25°C; ambient illumination = 150 lux incandescent lamp; use the test sample code developed by our company.

