SAVEO-DS8500-UHF

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.