



W8-WIFI

1 Optical Properties		
1.1	Image Sensor:	CMOS
1.2	Resolution:	1MP(1280*800)
1.3	Light Source:	(Aimer) Red color LED (Illumination) White color LED
1.4	Reading Mode:	Image scanning
1.5	Precision:	1D $\geq 3\text{mil}$
		2D $\geq 5\text{mil}$
1.6	Print Contrast:	$\geq 15\%$
2.1 Operating Environment		
2.1.1	Usage Environment:	-10°C-50°C
2.1.2	Storage Temperature:	-20°C-70°C
2.1.3	Working Humidity:	5%-95% (No condensation)
2.1.4	Ambient Lighting:	40,000 lx
2.2 Electrical Characteristics		
2.2.1	Operating Voltage:	DC5.0V $\pm 5\%$
2.2.2	Maximum Current:	395mA
2.2.3	Battery Capacity:	2000MAH
2.2.4	Charging Time:	5-7 hours
2.3 Communication Method		
2.3.1	Bluetooth:	Bluetooth 4.2
	Bluetooth Mode:	Bluetooth HID、Bluetooth SPP、Bluetooth BLE
2.3.2	WIFI:	WLAN IEEE 802.11 b/g/n
2.4 Secondary Development		
2.4.1	Bluetooth:	SPP、BLE development
2.4.2	WIFI:	TCP/UDP/MQTT/AWS-IoT
2.4 Transmission performance		
2.4.1	Transfer Method:	Bluetooth transmission
		WIFI transmission

2.4.2	Communication Distance:	Bluetooth: visible distance in the open air \leq 10 meters WiFi: Communication is possible within WiFi range
3 Decoding performance		
3.1	Field of View:	34° V x 30° H(vertical horizontal)
3.2	Scan Performance: (scanning depth of field)	EAN-13: 50mm-365mm (13mil) Code 39: 40mm-165mm (5mil) Data Matrix: 35mm-115mm (10mil) QR Code: 35mm-145mm (15mil) PDF 417: 45mm-115mm (6.67mil)
3.3	Decoding Ability	2D PDF 417 Micro PDF 417 Data Matrix QR Code Micro QR Aztec MaxiCode Direct Part Mark 1D UPCA / UPC E EAN8 / EAN 13 Code 128 Code 39 Code 93 Code 32 Code 11 Codabar PlesseyMSI Interleaved 2 of 5 IATA2 of 5 Matrix2 of 5. Straight2 of 5 Pharmacode RSS-14 RSS-14 ExpandedRSS-14 Limited Composite Code -A Composite Code -B Composite Code -C
4 Other Performance		
4.1	Prompt Method:	1. Buzzer 2. LED indicator light
4.2	Scan Mode: (Handheld)	Button trigger mode Continuous scan mode Auto sensing mode Other scan modes
4.3	Charging/data Interface:	USB (B) /USB (A)
5 Physical Properties		
5.1	Size:	L*W*H (mm): 165*65*90mm
5.2	Cable:	1.2m
5.3	Color:	Black
5.4	Weight:	Scanner weight: 0.17kg
6 Safety Regulations		
6.1	Waterproof and Dustproof Sealing Level:	IP54
6.2	Earthquake Resistance:	1 meter high free fall
6.3	Related Certifications:	CE、FCC、ROHS, etc.