DS-2800

1	Optical properties	
1.1	Image Sensor:	CMOS
1.2	Resolution:	640×480,global exposure
1.3	light source:	(Aimer) Red color LED (Ilumination) White color LED
1.4	Scan mode:	Image scanning
1.5	Accuracy:	1D ≥4mil
		2D ≥5mil
1.6	Print contrast:	≥20%
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	Storage humidity:	5%-95%（No condensation）
2.1.4	Ambient lighting:	60000 lx
2.2	Electrical characteristics	
2.2.1	Operating Voltage::	DC5.0V±5%
2.2.2	Working current:	125mA
2.2.3	stand-by current:	2000MAH
2.2.4	Charging time:	5-7hours
2.3	communication	
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
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 ≦10 meters
		WiFi can communicate within WiFi range
3	**Decoding performance**	
3.1	Field of View:	D:48°　　H:40°　　　V:30°
3.2	Scan Angel:	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 7byte)
3.3	Scan Performance:	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, Matrix 2 of 5
4	**Other Characteristics**	
4.1	Prompt method:	1. Buzzer 2. LED indicator light 3. Vibration
4.2	Scan mode:	(Handheld) Button trigger mode Continuous scan mode Auto sensing mode and other scan modes
4.3	Charge/interface:	USB(B)/USB(A)
5	**Physical Properties**	
5.1	size:	scanner: 190*62*80mm　base：111*75*40mm
5.2	cable	1.2m
5.3	color:	White+black
4.2	Weight	≈334g
6	**safety regulations**	
6.1	Earthquake resistance:	2 meters high free fall
6.2	Related certifications:	CE ROHS FCC and so on

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