

## RS-8000PT



1. Optical Property		
1.1	Resolution	1 MP (1280 X 800)
1.2	Illuminant	(Aimer) Red color LED (illumination) White color LED
1.3	Imaging Sensor	CMOS
1.4	Accuracy	1D: ≥3 mil 2D: ≥5 mil
1.5	Print Contrast	≥30%
2. Operating Characteristic		
Operating Environment		
2.1.1	Operating Temperature	-20°C~ +50°C
2.1.2	Storage Temperature	-40°C~ +70°C
2.1.3	Storage Humidity	5%-90%
2.1.4	Ambient Illumination	0~86,000 LUX
Electrical Characteristics		
2.2.1	Maximum Power	0.912W
2.2.2	Operating Voltage	3.3 VDC ±5%
2.2.3	Current @3.3VDC	Working Current: 190mA Standby Current: ≤5mA
Others		
2.3.1	Transmission Mode	Bluetooth 4.2 (Support 2.0/3.0/4.0/4.2)
2.3.2	Communication Distance	Open Visible Distance ≤30 Meters
2.3.3	Battery Capacity	550 MAH
2.3.4	Charging Time	3-4 Hours
2.3.5	Cycle Time	45000 times
2.3.6	Standby Time	60 Seconds
2.3.7	Field Of View	D:50° V:30°(The Vertical Level)
2.3.8	Sensitivity	Tilt ±60°, Deflection ±65°, Rotation 360°

2.3.9	Scanning depth of Field	EAN-13 50mm- 200mm (13mil 10 Byte) Code39 40mm-90mm (5mil 10 Byte) QR Code 25mm- 240mm (20mil 16 Byte) Data Matrix 50mm-90mm (10mil 20 Byte) PDF 417 30mm- 130mm (6. 67mil 7 Byte)
3. Ability To Decode Symbols		
3.1	Decode Symbols	2D PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), Chinese Sensible Code 1D Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11
3.2	Prompting Mode	Buzzer, LED Indicator Light, Vibration
3.3	Scanning Mode	Wearable Button Trigger
3.4	Scanning Speed	Horizontal Speed: 5 in. Per Second (12.7 cm)
3.5	Interface	USB Dock Receiver + Charger
4. Physical Characteristics		
4.1	Size	L*W*H (mm): 50*30*45mm
4.2	Weight	0.03kg
4.3	Cable Length	0.9m
4.4	Color	Black
4.5	Casing Material	ABS+TPR
5. Safety Code		
5.1	Laser Safety Level	National Level 1 Laser Safety Standard
5.2	Waterproof & Dustproof Sealing Class	IP41
5.3	Shock Resistance	1.5 Meters High Free Fall
5.4	Certificate	CE, FCC, ROHS, SGS, ISO Etc.

