

RS-9000

2D Bluetooth Ring Scanner



Product Specifications

Technical Parameters

1 Optical performance		
1.1	Sensor Resolution:	1280 x 960 pixels, rolling shutter
1.2	Aiming LED:	Green LED
1.3	Illumination:	1 warm white LED
1.4	Accuracy:	1D:≥3 mil 2D:≥5 mil
2 Scan performance		
2.1	Fiel of View	Horizontal: 44.5°, vertical: 33.5°
2.2	Skew, Pitch & Roll	Skew tolerance:±60° Roll tolerance: 360° Pitch tolerance: +60°
2.3	Focal Distance:	From front of engine: 6 in./15.24 cm
2.3	Decoding Ability:	<p>2D Code PDF417, MicroPDF417, Code 128 Emulation, QR Code, MicroQR, Data Matrix , Maxicode, Aztec</p> <p>1D Code Code128 (UCC/EAN-128, GS1-128, ISBT 128) , UPC/EAN(UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, ISBN, ISSB EAN), Code39, Code32, Code93, Code11, Interleaved 2 of 5 (ITF), Discrete 2 of 5(DTF), Codabar(NW-7)MSI, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, Inverse 1D, Postal Codes, GS1 DataBar, Composite code</p>

2.4	Decode Ranges	Symbology Near/Far 5 mil Code 39 : 2.4 in./6.1 cm to 9.5 in./24.1 cm 5 mil Code 128 : 2.8 in./7.1 cm to 9.0 in./22.9 cm 6.67 mil PDF 417 : 2.4 in./6.1 cm to 8.0 in./20.3 cm 10 mil DataMatrix : 2.9 in./7.4 cm to 8.5 in./21.6 cm 100% UPCA : 1.8 in./4.6 cm to 19.5 in./49.5 cm 15 mil QR : 1.2 in./3.0 cm to 11.5 in./29.2 cm 20 mil QR : 1.2 in./3.0 cm to 14.0 in./35.6 cm
3 Working parameters		
3.1	Transfer Method:	Bluetooth 4.2 (supports protocols 2.0, 3.0, 4.0, 4.2)
3.2	Communication Distance:	Visible distance in open space \cong 30 meters
3.3	Battery Capacity:	550Mah
3.4	Charging Time:	3-4 hours
3.5	Usage Times:	14400 times
3.6	Standby Time:	Enter standby in 3 minutes
3.7	Prompt Method:	Buzzer, LED indicator, vibration
3.8	Scanning Method:	Wearable button trigger scanning (Support auto-sense and continuous scanning)
4 Electrical characteristics		
4.1	Operating Voltage:	5 VDC \pm 5%
4.2	Current@3.3VDC	Working current: 190mA Standby current: \leq 5mA
5 Physical parameters		
5.1	Dimension:	L*W*H (mm): 50*30*45mm
5.2	Wire Length:	1.2m
5.3	Color:	Black+Blue
5.4	Scanner housing material:	ABS+TPR
6 User Environment		
6.1	Operating Temp.:	-4°F to 122°F/-20 C to 50°C
6.2	Operating Temp.:	-22°F to 158°F/-30° C to 70° C
6.3	Humidity:	5%-90%
6.4	Ambient Light:	Max 107.639 lux (direct sunlight)