

TS02

Tiny Ring Barcode Scanner



Product feature:

1. Zebra Scan Engine

Excellent scan speed for all 1D barcodes

3. Drop Test

With 1mm silicon cover , 1.2m drop test, withstanding 200 times

5. Optional BLE / NFC Communication

Just tap for instant pairing, with NFC, workers can simply tap the TS02 on NFC-enabled android devices

7. Compability

Android & IOS & Windows

2. Scan Method

Built-in sensor chip on two sides, lightly touch to scan with high sensitivity

4. Sufficient Battery Life

500mAh replaceable battery, supporting more than 11 hours work after full charge;

Charging time: about 2 hours.

6. Standard Charging Cradle

Charger & Charger with bluetooth adapter function for the battery & the whole device

PRODUCT SPEC SHEET



Product name	Bluetooth Barcode Reader			
Model name	TS02			
Dimensions	30.3×33.3×28.0mm (L×W×H)			
Weight	30.4grams （Without silicone case）			
Material	Polycarbonate housing （PC）			
Battery power	Capacity	500mAh		
	Standby	> 30 days		
	Charge time	2 hous		
	Duration	Continuous trigger scanning interval	Decoding number	Working time
		1S	19500	5.4hours
		5S	8800	12.2hours
10S		5233	14.5hours	
Scan Engine	<input type="checkbox"/> SE2707	<input checked="" type="checkbox"/> SE655	<input type="checkbox"/> N1	
Barcode Type	1D	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, Bookland EAN, Convert UPC-E to A, Convert UPC-E1 to A, EAN-8 Zero Extend, UCC Coupon Extended Code, ISSN EAN, Code 128, GS1-128 (formerly UCC/EAN-128) ISBT 128, ISBT Concatenation, Check ISBT Table, Code 39, Trioptic Code 39, Convert Code 39 to Code 32, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Inverse 1D, Codabar, MSI, GS1 DataBar		
Laser Classification	CDRH Class II/IEC			
Environmental parameters	Drop resistance	Pass 200 times 1.5m drop test (with silicone case)		
	temperature	Operating : -10℃ to 50℃		
		Storage: -20℃ to 60℃		
	Humidity	5% to 90% (non-condensing)		

Electrical	Power: DC5V Typical: 300mA DC5V	
CPU	32bit ARM CPU	
Data storage	100KB for offline mode: 6000 15 bytes barcodes	
Working mode	Bluetooth mode, offline mode	
Communication	Class 3 Bluetooth HID, SPP, BLE with 30M distance	
OS	IOS, Android, Windows, Mac	
Scan mode	Continuous, Level	
Ambient illumination	0~110,000 lux	
Scanner performance	Sensor Type	1500 pixel CCD sensor
	Light	LED 630 ± 30 nm
	Scanner Angle	53.3° ± 3° (± 65°, ± 50° ± 25°: pitch, skew, Roll)
	Field of View	Horizontal: 53° ± 3° Vertical: 0.4°
	Repetition	Nominally 50 scans/second
	Contrast	≥20% MRD measured at 630 nm
Decoding depth & Max. Resolution (1 mil = 0.0254 mm)	Code 128(5mil)	2.75 in. / 70 mm - 8.25 in. / 210 mm
	Code 39(5mil)	2.25 in. / 57 mm - 9.75 in. / 248 mm
	Code 39(7.5mil)	1.50 in. / 38 mm - 12.75 in. / 324 mm
	100% UPC-A	2.00* in. / 51 mm - 15.75 in. / 400 mm
	Code 39(20mil)	1.50* in. / 38 mm - 24.0 in. / 610 mm
Certificate	CE, Rohs, FCC, IEC 61000, UL, VDE, and CUL recognized	



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