

MS02

Glove 2D Barcode Scanner



Product feature:

1. Zebra Scan Engine

Excellent scan speed for almost 2D / 1D barcodes

3. High Degree Of Protection

IP65 grade, waterproof and dustproof function enhance its durability

5. Optional BLE / NFC Communication

IP65 grade, waterproof and dustproof function enhance its durability

7. Battery Cover Turn-Off / On

Flexible buckle turn on / off for battery cover makes it very convenient to remove the battery

2. Ruggedness

Polycarbonate housing with overmold (PC+TPU), 1.5m drop test 200 times

4. Sufficient Battery Life

550mAh replaceable & rechargeable battery for more than 12 hours working time

6. Standard Charging Cradle

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

PRODUCT SPEC SHEET



Product name		Industrial Glove Barcode Reader				Electrical	Power: DC5V Typical: 300mA DC5V				
Model name		MS02				CPU	32bit ARM CPU				
Dimensions		55.0×39.2×51.2 mm (L×W×H)				Data storage	100KB for offline mode: 6000 15 bytes barcodes				
Weight		84.5 grams				Working mode	Bluetooth mode, offline mode and RS232 mode(optional)				
Material		Polycarbonate housing with overmold(PC+TPU)				Communication	Class 3 Bluetooth HID, SPP, BLE(optional) with 30M distance, Support NFC pairing, RS232 cable(optional)				
Battery power	Capacity	550mAh					OS	IOS, Android, Windows, Mac			
	Standby	> 30 days									
	Charge time	2 hours									
	Duration	Continuous trigger scanning interval	Decoding number		Working time						
		1S	16800		4.7hours						
5S		6400		8.9hours							
		10S	3700		10.3hours						
Scan Engine	☒ SE2707		☒ SE965		☐ N1						
Barcode Type	1D	UPC-A, UPC-E, UPC-E1, EAN-8/JAN-8, EAN-13/JAN-13, Bookland EAN, ISSN EAN,Code 128, GS1-128 (formerly UCC/EAN-128), ISBT 128, Check ISBT Table, Code 128 Reduced Quiet Zone, Code 39, Trioptic Code 39, Convert Code 39 to Code 32, Code 32 Prefix, Code 39 Check Digit Verification, Code 39 Full ASCII, Code 39 Reduced Quiet Zone, Code 93, Code 11, Interleaved 2 of 5, I 2 of 5 Readuced Quiet Zone, Discrete 2 of 5, Codabar(NW-7), CLSI Editing, NOTIS Editing, MSI, Chinese 2 of 5, Matrix 2 of 5, GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded, Convert GS1 DataBar to UPC/EAN/JAN, Composite CC-C, Composite CC-A/B, Composite TLC-39, GS1-128 Emulation Mode for UCC/EAN Composite Codes					Scanner performance	Sensor Type		640 (horizontal) × 400 (vertical) pixels	
	Light		610nm LED(Aiming LED), 660nm red LED(Illumination)								
Scanner Angle		±60°,±60°,±360° (skew, pitch, Roll)									
Field of View		Horizontal: 42° , Vertical: 28°°									
Repetition		104 (± 12) scans/sec (bidirectional)									
Contrast		≥20%									
Decoding depth & Max. Resolution (1 mil = 0.0254 mm)	Code 39		51mm -162mm (5mil);								
	Code 128		63mm -127mm (5mil);								
	PDF417		63mm -160mm (6.6mil);								
	PDF417		45mm - 228mm (10mil);								
	100%UPC		50mm -317mm (13mil);								
	Code 39		50mm - 495mm (20mil);								
	Data Matrix		38mm - 343mm (20mil);								
	QR Code		38mm -279mm (20mil).								
Environmental parameters	Drop resistance	Pass 200 times 1.5m drop test					Certificate	CE, Rohs, FCC, IP65, IEC, EC/ EN60950, EC/EN62471			
	Tumble Spec	2000 1.64ft / 1 m tumbles									
	temperature	Operating : - 5°C to 50°C									
		Storage: -20°C to 60°C									
Humidity		5% to 90% (non-condensing)									



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