
SHARK MS-92 2D barcode scanner

Briefing

SHARK MS-92 is a 2D wireless scanner based on advanced imaging technology and micro-power wireless frequency hopping transmission technology. It can read all 1D and 2D codes.



Features

1. Easy operation, One Press to Pair;
2. Can read both 1D and 2D code;
3. Advanced adaptive frequency hopping, good anti-jamming capability;
4. Long contact radius up to 300m(open air)
5. Built-in protection to over-charging;
6. Support one cradle to multi handsets;
7. Excellent endurance.

Parameter

Model SHARK MS-92	Parameter
Input Voltage	5V DC, $\pm 0.25V$
DC Current	5mA (sleep); 195mA (instant max at work); 300~650mA (charging)
Scan Module	2D Imager
Lighting Source	White LED
Aiming line	Red LED
Decoding speed	Max 60 scans/second
Scanning area	36 °* 23 ° (horizontal*vertical)
Angle Tolerance	Skew $\pm 45^\circ$; Pitch $\pm 45^\circ$; Roll 360°
1D Code resolution	$\geq 5\text{mil}$
2D Code Contrast	$\geq 30\%$
Handset memory	Built-in storage for over 10,000 pieces of code data
Wireless Contact Radius Limit	400 meters
2D Code types	QR Code, Data Matrix, PDF417, HANXIN, MicroQR , Aztec etc.
1D Code types	UPC-A, UPC-E, EAN-8, EAN-13, EAN-ISBN/ISSN, Code 39, Code 39(Full ASCII), Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, Codabar, Code 128, Code 93, Code 11 MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post Code, GS1 Data Bar (formerly RSS) etc.
Battery performance	a full charging takes 4~5hrs; then it can capture 30,000 pieces of code data under good transmission condition, which equal to a one-week workload
Mode setting	Set by scanning functional QR Code or by the cradle keys
Alert Mode	Indicator and Buzzer
Interfaces	USB, RS232, USB-COM
Trigger mode	Manual, Continuous automatic scanning
Cable length	2 meters
Connector end	RJ-45
Environment Temperature	-15 °C ~55 °C (working); -40 °C ~60 °C (storage)
Environment Humidity	5%~90% (Non-condensing)
Shield Materials	Dual-color: ABS/PC+TPU; Single-color: ABS+PC;