

**SH-5000-2D(G) RS232/TTL串口**

**主要应用/Applications**



SH-5000-2D(G)采用先进的成像技术、具有良好的条码扫描和数字图像采集功能,实现了加长景深和快速识读,并增强了低质量条码的识读性能。从高密度一维条码到移动设备屏幕上的二维条码,SH-5000-2D(G)都能轻松读取。

SH-5000-2D(G) uses advanced imaging technology, good barcode scanning and digital image acquisition functions to achieve a longer depth of field and fast reading, and enhances the reading performance of low quality barcodes. SH-5000-2D(G) can be easily read from high-density 1D barcodes to 2D barcodes on mobile device screens.

**特点/Feature**

- ★ **解码技术:**采用433MHz远距离无线通信技术,实现100米(空旷)范围内的移动扫描。
- ★ **持久耐用的锂电池:**高密度2000mA锂电池,满电可支持5万次扫描,确保更久工作时间。
- ★ **存储功能:**存储近1万条(20位字符/条)的条码信息。
- ★ **充电方式:**采用良好的无线感应充电技术,增强防水、防尘、防静电、防腐蚀。
- ★ **解码和扫描能力:**支持各种密度高、破损、变形条码扫描,以及电脑、手机等屏幕二维码扫描。
- ★ **Decoder technology:**Adopting 433MHz remote wireless communication technology, the mobile scanning is realized in the range of 100 meters (open).
- ★ **Durable lithium battery:**High density 2000mA lithium battery, full charge can support 15,000 times of scanning, to ensure the longest working time.
- ★ **Storage capabilities:**Stores nearly 5,000 bar codes (20 characters per bar).
- ★ **Charging method:**With good wireless inductive charging technology,enhance waterproof, dustproof, anti-static, anti-corrosion.
- ★ **Decoding and scanning capability:**Support all kinds of high density, damaged, deformed bar code and computer, mobile phone screen qr code scanning.

**技术参数/Technical Specifications**

**物理参数/Physical Parameters**

外形尺寸 Overall dimensions	155mm*65mm*95mm	产品重量 Product weight	400g
包装尺寸 Packing size	200mm*130mm*105mm	包装重量 Packing weight	540g
外壳材质 Shell material	ABS+PC	LED指示 LED indicator	红色、蓝色、绿色
扫描类型 Scan type	影像式采集技术	安全性能 Safety performance	符合一级激光安全标准

**性能参数/Performance Parameter**

工作电压 Working voltage	5V或(or)10V-48V
直流电源 Dc power supply	Class2;5.2VDC@1A
静态电流 Quiescent current	30mA
电池规格 Battery specification	3.7V/2000mA
充电时间 Charging time	6-8小时
工作功率 Working power	2W;400mA@5V-典型值
无线频率 Radio frequency	433MHz
通信距离 Communication distance	100米(空旷)带存储
底座与电脑通信距离 Communication distance between base and computer	0-20米
系统接口 System interface	RS232/TTL串口接口

**环境参数/Environmental Parameters**

操作温度 Operating temperature	-10℃-50℃
储存温度 Storage temperature	-40℃-60℃
操作湿度 Operating humidity	5%-95%相对湿度,非凝结状态
静电防护 Electrostatic protection	±15kVDC空气放电, ±8kVDC直接/间接放电
跌落试验 Drop test	100次/1M
受光强度 By the light intensity	0-100.000LUX
运动容差 Exercise tolerance	100毫米/秒13milUPC
IP等级 IP rating	参照IP54设计标准
防尘性 Dustproof sex	密封以抵挡空气尘粒侵入
综合认证 Comprehensive certification	ROHS、FCC、CE

**产品性能/Product Performance**

**条码密度/Bar code density**

- ★ 3mil Code39
- ★ 10mil UPC
- ★ 20mil Code39
- ★ 6.6mil PDF417
- ★ 15mil Data Matrix

**扫描景深/Scan Depth**

- 33-95mm
- 32-255mm
- 35-355mm
- 30-95mm
- 21-162mm

此数据可能因条码质量和环境因素而不同。