

## SH-5000-2D(Y)



## 主要应用/Applications

SH-5000-2D(Y)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。结合革新结构体系和定制传感器。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呈现的二维条码,SH-5000-2D(Y)都能轻松解读。

SH-5000-2D(Y) uses advanced imaging technology with good barcode scanning and digital image acquisition capabilities. Combine innovative architecture with custom sensors. It achieves long depth of field and fast reading, and enhances the reading performance of low quality bar codes. SH-5000-2D(Y) can be easily interpreted 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 20,000 times of scanning, to ensure the longest working time.
- ★ **Storage capabilities:**Stores nearly 1,000 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<br>Overall dimensions | 扫描枪: 173mm*68.5mm*94mm<br>底座: 141mm*105mm*78mm | 产品重量<br>Product weight     | 357g       |
| 包装尺寸<br>Packing size       | 200mm*130mm*105mm                              | 包装重量<br>Packing weight     | 497g       |
| 外壳材质<br>Shell material     | ABS+PC                                         | LED指示<br>LED indicator     | 红色、蓝色、绿色   |
| 扫描类型<br>Scan type          | 影像式采集技术                                        | 安全性能<br>Safety performance | 符合一级激光安全标准 |

### 性能参数/Performance Parameter

|                                                               |                                               |
|---------------------------------------------------------------|-----------------------------------------------|
| 工作电压<br>Working voltage                                       | 5V或(or)10V-48V                                |
| 直流电源<br>Dc power supply                                       | Class2;5.2VDC@1A                              |
| 静态电流<br>Quiescent current                                     | 30mA                                          |
| 电池规格<br>Battery specification                                 | 3.7V/2000mA                                   |
| 充电时间<br>Charging time                                         | 2-3小时                                         |
| 工作功率<br>Working power                                         | 2W;400mA@5V-典型值                               |
| 无线频率<br>Radio frequency                                       | 433MHz                                        |
| 通信距离<br>Communication distance                                | 200米(空旷)带存储                                   |
| 底座与电脑通信距离<br>Communication distance between base and computer | 0-200米                                        |
| 系统接口<br>System interface                                      | USB、RS232/TTL串口、485(5V-48V)<br>网口(支持POE)、WiFi |

### 环境参数/Environmental Parameters

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

## 产品性能/Product Performance

### 条码密度/Bar code density

- ★ 5mil Code39
- ★ 13mil UPC
- ★ 20mil Code39
- ★ 6.7mil PDF417
- ★ 15mil Data Matrix

此数据可能因条码质量和环境因素而不同。

### 扫描景深/Scan Depth

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