

SH-4120 RS232/TTL接口



主要应用/Applications

SH-4120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,实现了稳定性能和快速识读,并增强了低质量条码的识读性能。从普通一维条码到移动设备屏幕上的二维条码,SH-4120都能读取。

SH-4120 adopts advanced imaging technology and has good bar code scanning and digital image acquisition functions to achieve stable performance and fast reading, and enhance the reading performance of low quality barcode. SH-4120 can read everything from ordinary 1D bar codes to 2D ones on mobile devices' screens.

特点/Feature

- ★ **无线连接:**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。
 - ★ **锂电池:**采用高密度2000mA锂电池,满电可支持5万次的扫描,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:**底座无线感应充电,支持通用USB充电、手机充电器、电脑USB接口。
 - ★ **解码和扫描能力:**支持通用的条码、破损、变形条码扫描以及电脑、手机、等屏幕二维码扫描。
- ★ **Wireless connection:**Adopt 433MHz wireless communication technology, mobile scanning within 100 meters.
 - ★ **Lithium cell:**High density 2000mA lithium battery, full charge can support 20,000 times of scanning, to ensure the longest working time.
 - ★ **Storage function:**It can store 5 thousand bar code information (20 characters/bar).
 - ★ **Charging mode:**Base wireless induction charging, support universal USB charging, mobile phone charger, COMPUTER USB interface.
 - ★ **Decoding and scanning capability:**Support universal bar code, damaged, deformed bar code scanning computer, mobile phone, and other screen 2D 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
背景光源 Background light source	白光LED	定位光源 Positioning the light source	红色LED

性能参数/Performance Parameter

工作电压 Working voltage	5V或(or)10V-48V
电池规格 Battery specification	3.7V/2000mA
工作功率 Working power	0.6W 170mA/3.7V
静态电流 Quiescent current	30mA
充电时间 Charging time	7-8小时
支持条码类型 Supported bar code types	标准一维, 二维条码 (PDF417,QR,Data Matrix)
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°C-50°C
储存温度 Storage temperature	-40°C-60°C
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

- ★ 4mil Code39
- ★ 6.67mil PDF417
- ★ 10mil Data Matrix
- ★ 13mil EAN-13
- ★ 20mil QR Code

扫描景深/Scan Depth

- 40-90mm
- 30-130mm
- 50-90mm
- 50-200mm
- 25-240mm

此数据可能因条码质量和环境因素而不同。