

SH-800 RS232/TTL串口

主要应用/Applications

SH-800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-800都能松读取。

SH-800 adopts advanced imaging technology, has good barcode scanning and digital image acquisition functions, realizes the lengthening depth of field and fast reading, and enhances the reading performance of low quality barcodes. SH-800 can read everything from high-density 1D barcodes to 2D barcodes on mobile device screens.

特点/Feature

- ★ **解码技术:**采用良好的解码技术,对各种一维、二维码的解码,实现全码制扫描。
- ★ **应用领域:**超小体积,广泛应用于手持终端、POS支付、设备柜、智能机器人等物联网产业链。
- ★ **解码和扫描能力:**支持市面通用的条码,支持破损、变形条码扫描,同时支持电脑、手机、平板等屏幕二维码扫描。
- ★ **Decoding technology:**Hd 1 million pixel camera technology, decoding of various 1D and 2D codes, to achieve fast and accurate scanning.
- ★ **Application field:**Ultra-small size, widely used in mobile handheld terminals, POS payment, equipment cabinets, intelligent robots and other iot industry chain.
- ★ **Decoding and scanning capabilities:**Supports the scanning of damaged and deformed bar codes, as well as the scanning of 2D codes on the screens of computers, mobile phones, and tablets.

技术参数/Technical Specifications

物理参数/Physical Parameters

外形尺寸 Overall dimensions	49.5mm*45mm*22mm	产品重量 Product weight	129g
包装尺寸 Packing size	162mm*118mm*51mm	包装重量 Packing weight	210g
扫描头物理转角 Physical Angle of scan head	220°	LED指示 LED indicator	绿色
背景光源 Background light source	白色LED	瞄准器 Sight	绿色LED, 617nm

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
工作功率 Working power	2W;400mA@5V-典型值
待机功率 Standby power	0.22W, 45mA@5V-典型值
支持条码类型 Supported bar code types	标准一维, 二维条码 (PDF417,QR,Data Matrix)
系统接口 System interface	RS232\TTL串口接口
触发控制 Trigger control	IO输入触发控制、输出脉冲3.3V/0.5秒 指示、PLC通断高低电平检测
扫描类型 Scanning type	影像式
通信距离 Communication distance	0-20米

环境参数/Environmental Parameters

操作温度 Operating temperature	0℃-40℃
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

- ★ 4mil Code39
- ★ 13mil UPC
- ★ 20mil Code39
- ★ 6mil PDF417
- ★ 15mil Data Matrix

扫描景深/Scan Depth

- 33-100mm
- 32-255mm
- 35-355mm
- 30-150mm
- 21-300mm

此数据可能因条码质量和环境因素而不同。