

SH-800-GHD RS232/TTL串口

主要应用/Applications

SH-800-GHD采用高清100万像素的成像技术、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。从普通一维条码到高密度二维条码,SH-800-GHD都能读取。

SH-800-GHD uses high-definition 1 megapixel imaging technology, has good barcode scanning and digital image acquisition functions, realizes stable performance and fast reading, and enhances the reading performance of low quality barcodes. SH-800-GHD can read from ordinary 1D barcodes to high-density 2D barcodes.



特点/Feature

- ★ **解码技术:** 高清100万像素摄像技术,对各种一维、二维码的解码,实现快速精准扫描。
- ★ **应用领域:** 超小体积,广泛应用工业制造、设备柜、智能机器人等。
- ★ **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:** Super small size, widely used in equipment cabinet, industrial manufacturing and intelligent robots, etc.
- ★ **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 | 49mm*43mm*22mm | 产品重量 Product weight | 60g |
| 包装尺寸 Packing size | 190mm*110mm*80mm | 包装重量 Packing weight | 200g |
| 外壳材质 Shell material | ABS | LED指示 LED indicator | 红色、绿色 |
| 背景光源 Background light source | 白色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 |
| 直流电源 Dc power supply | Class2;5.2VDC@1A |
| 工作功率 Working power | 0.6W 150mA/3.7V |
| 待机功率 Standby power | 0.07W 20mA/3.7V |
| 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 | -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
- ★ 13mil UPC
- ★ 20mil Code39
- ★ 6.7mil PDF417
- ★ 5mil Data Matrix

扫描景深/Scan Depth

- 35-150mm
- 32-400mm
- 35-400mm
- 30-95mm
- 30-100mm

此数据可能因条码质量和环境因素而不同。