

SH-210-GHD RS232/TTL串口

主要应用/Applications

SH-210-GHD 采用100万像素影像技术,具有良好的条码扫描和数字图像采集功能,具有良好的解读能力。性能良好,对所有1D、PDF417、Data Matrix、QR等2D条码都具有良好的扫描性能。适合生产、设备、机器等应用场合中。

SH-210-GHD adopts 1 million pixel image technology, has good bar code scanning and digital image acquisition functions, and has good reading ability. It has good scanning performance for all 1D, PDF417, Data Matrix, QR and other 2D bar codes. Suitable for production, equipment, machinery and other applications.

特点/Feature

- ★ **多接口设计:**支持HID协议USB接口,即插即用,USB虚拟串口,标准RS232串口, TTL串口。
- ★ **应用领域:**适合零售、商超、制造、医院、仓储、支付、等领域。
- ★ **100万像素:**采用高速CPU和100万像素CMOS传感器,满足工业应用,可以支持高密度、超小条码、汽车制造领域,金属镭码。

- ★ **Multi-interface design:**Support HID protocol USB interface, plug and play, USB virtual serial port, standard RS232 serial port, TTL serial port.
- ★ **Application field:**Suitable for retail, supermarket, manufacturing, hospital, storage, payment, and other fields.
- ★ **1 million pixels:**High speed CPU and 1 million pixel CMOS sensor, to meet industrial applications, can support high density, ultra-small bar code, automotive manufacturing field, metal radium code.

技术参数/Technical Specifications

物理参数/Physical Parameters

外形尺寸 Overall dimensions	173mm*68.5mm*94mm	产品重量 Product weight	241g
包装尺寸 Packing size	200mm*130mm*105mm	包装重量 Packing weight	381g
外壳材质 Shell material	ABS+PC	LED指示 LED indicator	红色、绿色
补光光源 Lighting light source	5600K White LED	瞄 准 器 sight	红色LED, 617nm

性能参数/Performance Parameter

工作电压 Working voltage	5V或(or)10V-48V
串口供电 A serial port power supply	5V @ 0.5A
工作功率 Working power	0.65W;130mA@5V-典型值
待机功率 Standby power	0.035W, 70mA@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
按键扫描次数 Key scan times	500万次
数据线长度 Data line length	2米
通信距离 Communication distance	0-20米
扫描角度 Scanning Angle	54° (H) x 33° (V)

环境参数/Environmental Parameters

操作温度 Operating temperature	0℃-50℃
储存温度 Storage temperature	-40℃-70℃
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

此数据可能因条码质量和环境因素而不同。

扫描景深/Scan Depth

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