

**SH-7600**



**主要应用/Applications**

SH-7600采用先进的成像技术、具有强劲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。从普通一维条码到移动设备屏幕上的二维条码,SH-7600都能读取。

SH-7600 uses advanced imaging technology, powerful barcode scanning and digital image acquisition capabilities to achieve stable performance and fast reading, and enhances the reading performance of low-quality barcodes. SH-7600 can read everything from normal 1D barcodes to 2D barcodes on the screen of mobile devices.

**特点/Feature**

- ★ **解码技术:**采用自主研发的核心技术,可以快速响应,配合客户开发或定制需求。
- ★ **应用领域:**公交POS、闸机、门禁、金融/医疗/快递/收银等自助设备。
- ★ **解码和扫描能力:**可快速识读屏幕和纸质上市面上主流的一、二维码,可定制特殊解码需。
- ★ **接口丰富:**接口协议:USB、TTL233、RS232、RS485等接口,接口形态:FPC,SH 1.0接插件、Mirco USB可选。简易的SD提供通俗易懂的SDK,帮助客户快速导入调试,节约开发时间。
- ★ **Decoding technology:**Adopt self-developed core technology, can quickly respond to customer development or customization requirements.
- ★ **Application field:**Bus POS, gate, access control, financial, medical, express, cashier and other self-help equipment.
- ★ **Decoding and scanning capabilities:**It can read the mainstream 1D and 2D codes on the screen and paper market, and can customize special decoding requirements.
- ★ **Rich interface:**Interface protocol: USB, TTL233, RS232, RS485, etc. Interface type: FPC,SH 1.0 connector, Mirco USB optional. Simple SD provides easy to understand SDK, help customers quickly import debugging, save development time.

**技术参数/Technical Specifications**

**物理参数/Physical Parameters**

外形尺寸 Overall dimensions	64.8mm*60.5mm*32.7mm	产品重量 Product weight	20g
包装尺寸 Packing size	160mm*110mm*88mm	包装重量 Packing weight	80g
外壳材质 Shell material	ABS	LED指示 LED indicator	白色
扫描类型 Scanning type	影像式		

**性能参数/Performance Parameter**

工作电压 Working voltage	5V DC $\pm$ 10% (预留3.3-16V宽电压输入)
额定电流 Rated current	(典型值)小于190mA(5V输入) 小于100mA(10V输入)
图像传感器 Image sensor	640 $\times$ 480 CMOS
识读精度 Read the precision	$\geq$ 5mil
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	USB、RS232\TTL串口、485、 网口、WiFi
定制线 Custom wire	1.2米安卓USB线、USB数据线、 串口数据线、9pin端子线50cm
符号反差 Symbol contrast	$\geq$ 20%
条码灵敏度 Bar code sensitivity	倾斜 $\pm$ 55°, 偏转 $\pm$ 55°, 旋转 360°
视场角度 View Angle	水平71°, 垂直60°

**环境参数/Environmental Parameters**

操作温度 Operating temperature	-20°C-60°C
储存温度 Storage temperature	-40°C-70°C
操作湿度 Operating humidity	5%-95%相对湿度, 非凝结状态
静电防护 Electrostatic protection	$\pm$ 15kVDC空气放电, $\pm$ 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**

<b>条码密度/Bar code density</b>	<b>扫描景深/Scan Depth</b>
★ 6.67mil PDF417	30-130mm
★ 10mil Data Matrix	50-90mm
★ 13mil EAN-13	50-200mm
★ 20mil QR Code	25-240mm

此数据可能因条码质量和环境因素而不同。