

SH-7600N RS232/TTL串口接口

主要应用/Applications

SH-7600N采用先进的成像技术、具有很强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-7600N都能读取。

SH-7600N uses advanced imaging technology, has strong bar code scanning and digital image acquisition functions, and achieves stable performance and fast reading, and enhances the reading performance of low quality bar codes. SH-7600N can read everything from normal 1D barcodes to 2D barcodes on the screen of mobile devices.

特点/Feature

- ★ **解码技术:**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,广泛应用于移动手持终端、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:**支持市面上通用的条码,以及各种破损、变形条码扫描,以及电脑、手机等屏幕二维码扫描。
- ★ **Decoder technology:**To all kinds of one-dimensional, 2D code decoding, 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 capability:**Supports scanning of common bar codes on the market, damaged and deformed bar codes, as well as 2D code scanning of computer and mobile phone screens.



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	白光
扫描类型 Scan type	影像式采集技术		

性能参数/Performance Parameter

工作电压 Working voltage	5V或(or)10V-48V
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 × 480 CMOS
识读精度 Read the precision	≥ 5mil
符号反差 Symbol contrast	≥ 20%
条码灵敏度 Bar code sensitivity	倾斜 ± 55° 偏转 ± 55° 旋转 360°
视场角度 View Angle	水平60° , 垂直48°
系统接口 System interface	RS232\TTL串口接口
支持条码类型 Supported bar code types	标准一维, 二维条码 (PDF417,QR,Data Matrix)

环境参数/Environmental Parameters

操作温度 Operating temperature	-20℃-60℃
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

- ★ 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。