

Embedded 2D Scanner Module HM10

Introduction

HM10 is created with large angle fixed recognition device for reading screen, payment and check-in application. this product combines the leading image sensor technology, optical technology, an excellent performance on 1d/2d barcodes and powerful microprocessors, quickly identify 1d/2d barcodes with super wide Angle lens, large-screen mobile phone barcodes can be read easily.Simple design and excellent performance can provide users with extremely comfortable and convenient use experience.

Features

- Intelligent image recognition technology adopts advanced optical design to provide high performance, high reliability and low power consumption.
- With white LED lighting, lighting function can be switched on or off by setting.
- Professional packaging technology with dust-proof and waterproof to extend scanner reading life.
- Support various size of phone screen, different brightness screen, big window view, 90°*115° Angle range.
- Soft lighting used to make the illumination of the scanner looks soft and not harsh.
- Support for various systems: LINUX, WINDOWS, Android.
- Support secondary development: different output connection mode, RS232, USB HID, USB virtual serial port.
- Professional embedded,Big reading window &excellent decoding.

Specification

Sensor	CMOS, pixels:1280*960,30fps
Interface	RS232、USB HID、USB virtual serial port
Scanning Angle	360°/±65°/±65°
Reading speed	30cm/s(13mil UPC)
Voltage/Current	3.3DC±5%/120mA(Max), 100mA (Typical)
Size	66.5mm*61.5mm
Weight	65g
Light	LED
Decoding mode	DXVA
Material	ABS
Reading window material	Acrylic
Working temperature	-20℃-+60℃
Storage temperature	-40℃-+85℃
Working Humidity	5%-95%(non-condensation)

Resolution	13mil	UPC	(25-170mm)
	5mil	Code 128	(26-60mm)
	10mil	Code128	(25-130mm)
	20mil	QR	(20-170mm)
Decoding Types	Code 1D : Code 39, Code 32, Code128, UPC/EAN/JAN, Code 93, Interleaved 2 of 5, Codabar, Matrix 2 of 5, Industrial 2 of 5. 2D : QR Code.		

Application

- Self-service equipment,
- Brake machine products,
- Retail, cashier POS, medical,
- Mobile phone coupon,
- Ticket check
- Lottery betting station,
- Bank, etc.

Picture

