

2D Embedded Module HS-2003D

General

HS-2003D is a 2D embedded module with excellent performance. It can quickly identify all kinds of 1D/2D codes, and has excellent ability to read bar codes on mobile phone screen. Support a variety of data mode, compatible with Win XP, Win7, Win10, IOS, Android, INDUSTRIAL PC, server and other devices, plug and play, simple and convenient.

Specification

Performance parameters	Image Sensor	CMOS	DPI(W*H)	640px*480px	
	Read Code System	1D	Code128/AIM128/EAN128/NL128,UPC/EAN/ISSN/ISBN, Codabar, Code 39, Code 39,Code 93, Code11,ITF-25/ITF-14/ITF-6/Deutsche12/Deutsche14,Industrial25,Matrix25,JapanMatrix25/NEC25,Standard25,DataLogic25,MSI-Plessey,Plessey, RSS-EXP/RSS_14/GS1Data, Telepen		
		2D	AZTEC,Data Matrix, MaxiCode, PDF417, Micro PDF, QR Code,Micro QR, Hanxin Code, OCR, DOTCODE		
	Accuracy	1D≥5mil		Typical	
	Contrast Ratio	≥20%		1D EAN-13	5mil 35-55mm
	Sensitivity	tilt	±65°		13mil 15-135mm
		rotate	360°	2D QR Code	15mil 10-110mm
		deflection	±55°		30mil 10-200mm
	Field of view angle level: 66.4° vertical: 49.8° diagonal: 83°				
	Data Interface	USB KBW ,USB CDC,USB HID POS,TTL, RS232			
Electrical Parameters	Working Voltage	5VDC±5%			
	Working Current	185mA±10%	Standby Current	160mA	
Environmental Parameters	Working Temperature	-0℃~+50℃	Storage Temperature	-20℃~+60℃	
	Relative Humidity	5% ~ 95%(No condensation)			
	Screen Brightness	0~100000 Lux			
	Protection Level	±16kV(Air discharge)		±8 kV(Direct discharge)	
Physical Parameters	Communication Interface	USB、TTL 232、RS232			
	Appearance Size	78.4*67.2*53.2mm		Weight	186.8g

Ordering Information

Shenzhen HCC Technology Co., Ltd.

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HS-2003D	USB			Package (Standard)	D*W*H	210*105*80(mm)
	TTL				weight	225g
	RS232				D*W*H	430*230*435(mm)
Boxing List (single)	Standard	1.Module		Package Box (20Ppcs)	Weight	5.9kg
		2.USB Cable 2m			Net Weight	4.9kg
	3.Instructions 4.Certificate					
	Radio	Cable:USB(98g/pcs) RS232(100g/pcs) TTL(100g/pcs)				

Application

Applicable to the convenience cashier desk, customer service desk, library, clothing chain, catering, express storage, ticket inspection window, O2O application places, etc.

Picture

