

Waterproof 2D Embedded Module HS-2003DP

General

HS-2003DP is a waterproof 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 System Code	1D	Code128/AIM128/EAN128/NL128,UPC/EAN/ISSN/ISBN, Codabar, Code 39, Code 39,Code 93,Code11,ITF-25/ITF-14/ITF-6/Deutsche12/Dutsche14,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 \geq 5mil		Typical		
	Contrast Ratio	\geq 20%		1D EAN-13	5mil	35-55mm
	Sensitivity	tilt	$\pm 65^\circ$		13mil	15-135mm
		rotate	360 $^\circ$	2D QR Code	15mil	10-110mm
		deflection	$\pm 55^\circ$		30mil	10-200mm
	Field of view angle	level: 66.4 $^\circ$		vertical: 49.8 $^\circ$		diagonal: 83 $^\circ$
	Data Interface	USB KBW ,USB CDC,USB HID POS,TTL, RS232				
Electrical Parameters	Working Voltage	5VDC \pm 5%				
	Working Current	185mA \pm 10%	Standby Current	160mA		
Environmental Parameters	Working Temperature	-0 $^\circ$ C~+50 $^\circ$ C	Storage Temperature	-20 $^\circ$ C~+60 $^\circ$ C		
	Relative Humidity	5% ~ 95%(No condensation)				
	Screen Brightness	0~100000 Lux				
	Protection Level	\pm 16kV(Air discharge)		\pm 8 kV(Direct discharge)		
Physical Parameters	Communication Interface	USB、TTL 232、RS232				
	Appearance Size	78.4*67.2*53.2mm		Weight	186.8g	
Waterproof level	IP67					



Application

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

Picture

