

2D Embedded Module HS-2008M

General

HS-2008M is a highly integrated 2D scanning engine module with excellent performance. With high integration and exquisite size, the minimum size is only 1cm and the scanning head weighs less than 7g. It can be easily integrated into various industrial equipment and application environments to meet the light and small requirements of various scanning equipment design.

TTL, USB dual interface, compatible with Windows XP, Win7, Win10, IOS, Android, INDUSTRIAL PC, server and other devices, secondary development is simple and convenient.

Specification

Image sensor	640×480 CMOS		Floodlight	White LED
Resolution	640px*480px		Focusing lamp	Red LED
Read code system	1D	EAN-8, EAN-13, UPC-E, UPC-A, ISBN, ISSN, Code128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5, Industrial 25, Standard 25, Plessey, MSI-Plessey		
	2D	QR Code, Micro QR, Data Matrix, PDF417		
Accuracy	≥5mil			
Typical	1D EAN13		5mil	45-130mm
			13mil	45-230mm
	2D QR Code		15mil	30-100mm
			30mil	30-260mm
Sensitivity	Tilt		±55°	
	Rotate		360°	
	Deflection		±55°	
	Contrast ratio		≥20%	
Prompt mode	Beep, LED			
Field of view angle	level:36° vertical:27°			
Read mode	Trigger mode, Induction mode, Continuous mode, Command mode, Batch mode			
Data interface	USB HID KBW, USB HID CDC, TTL 232			
Cable standards	USB, TTL 232			
Compatible system	Windows XP, Win7, Win10, IOS, Android, Industrial PC, server and other devices			
Update	USB / serial connection online		Data editing	Support

Working voltage	5V±3%	Working current	150mA
		Standby	70mA
Product size	21.5*14.5*10mm	Weight	2.6g
Package size (50pcs)	300*200*25mm	Weight	175g
Relative humidity	5%~95% (RH)		
Working Temperature	-20℃~+60℃		
Storage Temperature	-40℃~+80℃		
Ambient light intensity	0~100,000 lux		

Application

HS-2008M can be matched with various types of embedded devices: OEM products, POS embedded devices, handheld, fixed, platform scanning devices, etc.

Picture

