

2D Embedded Module HS-2010ER

General

HS-2010ER is a remote embedded two-dimensional code scanning module designed for barcode reading optimization. It can quickly identify all kinds of one-dimensional code and mainstream two-dimensional code. It can easily read the dirty, wrinkled, broken bar code and DMP engraving code. The 26mm QR screen code can read up to 1m. Support a variety of data modes, compatible with WIN XP, Win7, Win10, IOS, Android, industrial computer, server and other devices, plug and play, simple and convenient.

Specification

Performance parameters	Image Sensor	CMOS	DPI(W*H)	1280px*800px	
	Floodlight	White LED	Focusing lamp	650nm laser	
	Read Code System	1D	EAN-8,EAN-13,UPC-E,UPC-A,ISBN,ISSN,Code12 8, UCC/EAN-128, AIM-128,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,GS1-DataBar(RSS),(RSS-14, RSS-Limited, RSS-Expand)		
		2D	PDF417,Data Matrix,QR,Micro QR		
	Accuracy	1D≥4mil 2D≥8mil		Typical reading accuracy	
	Contrast Ratio	≥20%		1D EAN-13	5mil 160-220mm
	Sensitivity	Tilt	±60°		13mil 130-660mm
		Rotate	360°	2D QR Code	15mil 110-320mm
		Deflection	±60°		30mil 110-600mm
	Field of view angle level: 27.6° vertical: 20.7° diagonal: 34.7°				
	Prompt Mode	BEEP,LED		Data editing	Support
	Read Mode	Trigger mode,Induction mode,Command trigger			
	Data Interface	USB KBW ,USB CDC,USB HID POS,TTL, RS232			
Electrical Parameters	Working Voltage	5V±5%			
	Working Current	290mA	Standby Current	50mA	
Environmental Parameters	Working Temperature	-20°C~~+60 °C	Storage Temperature	-40°C~~+70°C	
	Relative Humidity	5% ~ 95%(RH)			
Physical Parameters	Cable Standards	USB,TTL, RS 232			
	Weight	68g	Product size	41.2(W)*49.2(D)*24(H)(mm)	

Ordering Information

HS-2010ER		USB	Package (Standard)	D*W*H	205*105*80(mm)
		TTL		weight	200g
		RS232		D*W*H	430*230*435(mm)
Boxing List	Standard	1.Module 2.USB Cable 3.Instructions 4.Certificate	Package Box (20Ppcs)	Weight	5kg
				Net Weight	4.2kg
		Radio	Cable:USB(40g) RS232(69g) TTL(69g)		

Naming Rules

Model	Interface
HS-2010ER	USB
HS-2010ER	TTL
HS-2010ER	RS232

Application

Suitable for electronic manufacturing, industrial manufacturing, smart warehousing, O2O application places, etc.

Picture

