

HS-7301M 2D Barcode Reading Engine

Feature

- **Core Technology:** The use of self-developed core decoding technology to quickly read all kinds of quality bar code.
- **Ultra-small size:** Ultra-imaginative image acquisition component size can be easily embedded in various thin and light devices.
- **Discrete design:** The image collector and decoder board are designed discretely and installed flexibly, which is suitable for occasions where space requirements are relatively economical.
- **Multiple Interfaces:** The product supports USB, TTL-232 interfaces to meet diverse customer needs.
- **Low Power Consumption :** The advanced technology incorporated in the and prolonged service life.

Specification

Image Sensor	CMOS	
Pixels	640*480 CMOS	
Illumination	white light, LED	
symbolologies	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), HanXin code.
	1D	Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBar (RSS), (RSS-14, RSS-Limited, RSS-Expand)
Resolution	≥3mil	
Scan Angle	Pitch	±50°@ 0°Roll and 0° Skew
	Roll	±360°@ 0°Pitch and 0° Skew
	Skew	±60°@ 0°Roll and 0° Pitch
Symbol Contrast	≥30%	
Interface	TTL-232, USB HID-KBW, USB virtual port, USB HID-POS	
Field of View	Horizontal 44°, Vertical 33.2°	
Dimensios (L*W*H)	Image Collector : 21.5*9.8*8.5mm Decoders : 21.3*21.3*4.1mm	
Weight	4g	
Current	Operating	190mA (Typical value) 240mA(Maximum)
	Standby	10mA

Operating Temperature	-20℃~+50℃
Storage Temperature	-40℃~+70℃
Humidity	5%~95% (non-condensing)
Ambient lighting	0~100000lux
Development board	Development board with trigger button abuzzer with RS-232 and USB output

Application

- PDA products,
- POS products,
- tablet devices,
- portable devices, etc.

Picture

