



# **E2100**

## **BARCODE SCAN ENGINE**

- ◆ Core Technology
- ◆ Green Low Power
- ◆ 1D/2D Scanning
- ◆ Compact Design

### **Application Scenarios:**

PDA, Self-service Kiosk, Industrial Tablet, POS Terminal.

# E2100

## Barcode Scan Engine

Performance	Image Sensor		640*480 Cmos
	Illumination		White LED
	Aimer		Red LED
	Symbologies	2D	(PDF417、 Micro PDF417、 QR Code、 Micro QR、 Aztec、 Data Matrix
		1D	Codabar、 Code 39、 Code 32、 Interleaved 2 of 5、 Industrial 2 of 5、 Matrix 2 of 5、 Code 93、 Code 11、 Code 128、 UPC-A、 UPC-E、 EAN -8、 EAN -13、 MSI、 ISSN、 ISBN、 GS1 DataBar
	Type Decode Range*	UPC-13 (13mil)	45mm~200mm (Code Size: 32mm*25mm)
		PDF417 (6.67mil)	30mm~75mm (Code Size: 17mm*12mm)
		Code39 (5mil)	30mm~75mm (Code Size: 25mm*10mm)
		Data Matrix (10mil)	25mm~90mm(Code Size: 6mm*6mm)
		QR Code (15mil)	25mm~130mm (Code Size: 8mm*8mm)
	Min Print Contract*		≥20%
	Scan Angle**		Pitch±70°, Skew±70°, Roll 360°
	FOV		52.1°(D) , 43.1°(H)
Electronic	Interface		USB、 TTL
	Dimension(mm)		28.5(W)×13 (D)×12(H)(Max)
	Operating Voltage		3.3 VDC±5%
	Net Weight		3.5 g
	Power Consumption		660mW(typical)
	Current@3.3 VDC	Operating	190mA(RMS typical), 220mA(RMS Max)
		Standby	68mA
Environmental	Dormancy		17mA
	Operating Temperature		-10°C ~ +60°C
	Storage Temperature		-40°C ~ +70°C
	Operating Humidity		5%~95% (Non-Condensing)
	Eambient Light		0~100,000LUX
Accessories	Development		Development board and USB or RS232 cable

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**Barcode Scan Engine**

Optional

kit

RS-232

RS-232 Cable

\*测试条件：环境温度=23℃；环境照度=300 LUX 白炽灯；纸质码使用本公司制定的测试样码

\*\*测试条件：测试距离=（最小景深+最大景深）/2； 环境温度=23℃；环境照度=300 LUX 白炽灯

\*规格如有更改，恕不另行通知\*

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