# E4000

# Barcode Scan Engine

- Core Technology
- 1D/2D Scanning
- Low Power Consumption

## Application Scenarios :

PDA, Industrial Tablet, Self-service Kiosk, Ticket Checker, POS Terminal

# E4000

## Barcode Scan Engine

| | | | |
|---|---|---|---|
| Performance | Image Sensor | | 640*480 Cmos |
| | Illumination<br>Aimer | | White LED<br>Red LED |
| | Symbologies | 2D | (PDF417)、(Micro PDF417)、(QR Code)、(Micro QR)、(Data Matrix)、(Aztec)、(Hanxi code) |
| | | 1D | (Codabar)、(Code 39)、(Code 32)、(Interleaved 2 of 5)、(Industrial 2 of 5)、(Matrix 2 of 5)、(Code 93)、<br>(Code 11)、(Code 128)、(GS1-128)、(ISBT 128)、(UPC-A)、(UPC-E)，(EAN/JAN-8)、(EAN/JAN-13)、(Qlessey)、<br>(GS1 DataBar(RSS14))、(Standard 2 of 5)、(Msiplessey) |
| | Resolution* | | ≥5mil |
| | Typical<br>Decode Range* | EAN-13 (13mil) | 45mm~200mm (Barcode Size: 31mm*7mm) |
| | | PDF417 (6mil) | 30mm~135mm (Barcode Size: 14mm*7mm) |
| | | Code39 (5mil) | 40mm~120mm (Barcode Size: 27mm*8mm) |
| | | Data Matrix<br>(10mil) | 30mm~140mm (Barcode Size: 5mm*5mm) |
| | | QR Code (15mil) | 30mm~200mm (Barcode Size: 10mm*10mm) |
| | Min Print<br>Contract* | | ≥20% |
| | Scan Angle** | | Skew±70° , Pitch±70° , Roll 360° |
| | FOV | | Horizontal 41° , Vertical 31° |
| Electric | Interface | | TTL、USB |
| | Dimension(mm) | | 22(W)×14.5(D)×11.7(H) |
| | Operating<br>Voltage | | 3.3 VDC±5% |
| | Power | | 810mW(Typical) |
| | Current@3.3<br>VDC | Operating | 245mA(RMS Typical)，320mA(RMS Max) |
| | | Standby | 30mA |
| Environmental | Operating<br>Temperature | | -10℃~+60℃ |
| | Storage<br>Temperature | | -40℃~+70℃ |
| | Operating<br>Humidity | | 5%~95% (Non-Condesing) |
| | Embient Light | | 0~100,000LUX |
| Accessories | | | Development Board |
| | Cable | USB | USB Cable |
| | | RS-232 | RS232 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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