



High Performance

EP8280L 2D Scanner Module

- ◆ Low Power Consumption
- ◆ Reads 1D, 2D and QR Codes
- ◆ High quality design and making
- ◆ Superior scanning performance

Dimension



Performance

| | |
|--------------------------------|--------------------------------------|
| Image Sensor | 640*480 |
| Light Source | White LED |
| Scan Angle | Skew±70° Pitch±70° Roll 360° |
| FOV | Dio87.1° Horizontal 74° Vertical 65° |
| Mini Resolution | ≥5mil |
| Barcode Minimum Print Contrast | ≥20% |

Decode Capacity

| | |
|----|--|
| 1D | EAN-8、EAN-13、MSI、ISSN、ISBN、Codabar、Code 39、Code 32、Industrial 2 of 5、UPC-A、UPC-E、Interleaved 2 of 5、GS1 DataBar、Code 93、Code 11、Code 128、Matrix 2 of 5 |
| 2D | PDF417、Micro PDF417、Aztec、QR Code、Micro QR、Data Matrix |

Typical Decode Range (Typical)

| | |
|----------------|--------------------------------------|
| Code39 (5mil) | 10mm~40mm Barcode Size: 25mm*10mm |
| EAN-13 (13mil) | 10mm~80mm Barcode Size: 31mm*16mm |
| QR (15mil) | 10mm~60mm Barcode size: 8mm*8mm |

Physical

| | |
|----------------------------|---------------------------------|
| Interface | USB / RS232/485/TTL |
| Voltage | 5 VDC±5% |
| Current (Typical) | 120mA (5 VDC) |
| Current (Max) | 150mA (5 VDC) |
| Standby Current | 65mA (5 VDC) |
| Sleep Current | 10mA(5 VDC) |
| Power Consumption(Typical) | 600mW |
| Dimension | 61(W)×64.8(D)×26(H) mm |
| Color | Black |
| Net Weight | 30g |
| Country Keyboard Layout | Multi-Countries Keyboard Layout |
| Indicator | LED, Beeper |

Environmental

| | |
|-----------------------|---|
| Operating Temperature | -10°C ~ 60°C |
| Storage Temperature | -20°C ~ +70°C |
| Humidity | 5% ~ 95% (Non-Condensing) |
| ESD | EN61000-4-2, ±15KV Air Discharge、±8KV Contact Discharge |
| Ambient Light | 0~100,000LUX |
| LED Safety | IEC 62471 |

Accessories (Optional)

| | |
|-------------------------|----------------------------------|
| USB Cable | Data Transmission, Power Supply, |
| RS232+Power Adapter | Data Transmission, Power Supply |
| EVK+12P FPC+Power Cable | Data Transmission, Power Supply |

Remarks:

* The data in this leaflet are derived from our laboratory data and differ from actual usage data. Technical specifications in the leaflet are subject to change without notice.

* Testing conditions: ambient temperature = 23° C; ambient illumination = 300 LUX incandescent lamp; paper code using the test sample code developed by our company.

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Website QR Code 1/1