



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

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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2022/12/13 V1