

2D Barcode Scan Engine's Specifications :

Model Name

AI 3250



Description	2D Barcode Scanner
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Performance Characteristics

• Illumination Element	Red Light
• Aiming LED	Red Light
• Image Sensor	CMOS (640×480 pixels)
• Depth of Field	13 mil EAN 13 : 360 mm
• Best Resolution	1D (4mil) : Code 39 2D (5mil) : PDF417
• Print Contrast	≥ 25 %
• Scan Angle	Tilt: 360° / Pitch ±50° / Skew ±50°
• Indicators	LED & beeper
• Interface	USB HID, Virtual-COM , UART
• Symbolologies	1D: Code 128, EAN-13, EAN-8, Code 39, Code 32, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, ISBN/ISSN, Code 93, Code 11 GS1-128, GS1 Databar, GS1 Databar Limited, GS1 Databar Expanded 2D: PDF417, QR Code, Micro QR Code, Data Matrix, Aztec

Electrical Characteristics

• Input voltage	3.3 VDC ± 5%
• Current - operating	< 200 mA

Physical Characteristics

• Dimension (L x W x H)	14.6 × 21.2 × 11.3 mm
• Weight	3.5 g

User Environment

• Temperature-operation	-5°C to 50°C
• Temperature-storage	-15°C to 60°C
• Humidity	5% to 95% relative humidity, non-condensing
• Ambient Light	0-100,000 lux (total darkness-bright sunlight)

Decode Zone (DOF is measured at the office under 600 lux and by Standard barcode. There are +/- 10 mm Torrence. DOF may be also impacted by barcode quality and environmental conditions.)

• 4mil Code39	60 ~ 120 mm
• 5mil Code39	50 ~ 170 mm
• 13mil EAN13	50 ~ 380 mm
• 6.67 mil PDF417	65 ~ 160 mm
• 10 mil DataMatrix	45 ~ 180 mm
• 20 mil QR Code	45 ~ 280 mm

Product specification is subject to change without notice.

RIOTEC CO., LTD.

8F., 196-2, DaTong Rd., Sec. 3, Xizhi Dist., New Taipei City 221, Taiwan

TEL : +886-2-8647-1828

FAX : +886-2-8647-1800

E-mail : sales@riotec.com.tw

Web : www.riotec.com.tw