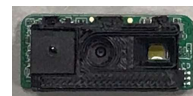


2D Barcode Scan Engine's Specifications :

AI 3310

Model Name

**Now is a mockup, not tooling yet.
But its performance is very good.**



Description	2D Barcode Scanner
Performance Characteristics	
• Illumination Element	White LED
• Aiming LED	Red Light
• Image Sensor	CMOS (1280* 800 pixels)
• Depth of Field	13 mil EAN 13 : 440 mm
• Best Resolution	1D (4mil) : Code 39 2D (5mil) : PDF417
• Print Contrast	$\geq 20 \%$
• Scan Angle	Tilt: 360° / Pitch $\pm 60^\circ$ / Skew $\pm 60^\circ$
• Indicators	LED & beeper
• Interface	USB HID, Virtual COM Port (VCP), UART
• Symbolologies	1D: Code 128, EAN-13, EAN-8, Code 39, Trioptic Code 39, Full ASCII Code39, UPC-A, UPC-E, ISBN, ISNN , Codabar, Interleaved 2 of 5, Code 93, Code 32, Industrial 25, Matrix 2 of 5, Code11, GS1 Databar, Codablock A , Codablock F, GS1 DataBar Expanded ,GS1 DataBar Limited ,GS1 DataBar Omnidirectional , Pharma code 2D:PDF 417, MicroPDF417, Data matrix, QR Code, Micro QR Code, QR code URL, QR Code Multi-threshold QR Code Dot Matrix, Aztec, Composite, Maxi Code, DOT-CODE ,

Electrical Characteristics

• Input voltage	5 VDC $\pm 5\%$
• Current - operating	< 300 mA

Physical Characteristics

• Dimension (W x D x H)	32 x 13.5 x 14.1 mm
• Weight	3g

User Environment

• Temperature-operation	-10°C to 50°C
• Temperature-storage	-20°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 tested in environment (600 lux) with standard barcodes (PCS $\geq 90\%$). Tolerance: +/- 10 mm. DOF can be affected by barcode quality and environmental factors.)

• 4mil Code39	95 ~ 170 mm
• 5mil Code39	95 ~ 250 mm
• 13mil EAN13	70 ~ 440 mm
• 6.67 mil PDF417	75 ~ 280 mm
• 10 mil DataMatrix	60 ~ 270 mm
• 20 mil QR Code	40 ~ 480 mm

Product specification is subject to change without notice.

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