

2D Baecode Scan Engine's Specifications :

Model Name

AI 3220



Description

2D Barcode Scan Engine

Performance Characteristics

• Illumination Element	White LED
• Aiming LED	Red Light : 625nm ± 3nm
• Image Sensor	CMOS (640×480 pixels)
• Depth of field	13mil EAN13: 260mm
• Best resolution	4mil Code39
• Interface	USB & UART
• Print contrast	≥ 30%
• Roll	Roll: 360 °
• Pitch	Pitch: 50 °
• Yaw	Skew : 50°
• Field of View	Horizontal : 42° Vertical : 38°
• Symbolologies	EAN-8 , EAN-13 , UPC-A , UPC-E , Code 39 , Code 93 , Code 128 , Codabar , Interleave 2 of 5 , ISBN , MSI , GS1 Databar , GS1-128 , PDF417 , QR Code , DataMatrix , Aztec

Electrical Characteristics

• Operational Input Voltage	3.3±5% VDC
• Current - operating	≤ 230mA

Physical Characteristics

• Dimension (L x W x H)	14.6 x 22.2 x 9.2 mm
• Weight	3g

Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity-operation	5% to 95% (non-condensing)
• Light level	0 ~ 100000 lux (natural light)

Decode Distances (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.)

• 4 mil Code39	65mm ~ 150mm
• 5 mil Code39	55mm ~ 170mm
• 13 mil EAN 13	60mm ~ 260mm

Product specification is subject to change without notice.

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