

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 EAN13:180mm 13mil PDF417:170mm
• Best resolution	4mil Code39 13mil DataMatrix
• Interface	USB & UART
• Print contrast	≥ 20%
• Roll	Roll: 360 °
• Pitch	Pitch: 50 °
• Yaw	Skew : 50°
• Field of View	Horizontal : 42° Vertical : 38°
• Symbologies	EAN-8 , EAN-13 , UPC-A , UPC-E , Code 39 , Code 93 , Code 128 , Codabar , Interleave 2 of 5 , Matrix 2 of 5 , MSI , GS1 Databar , PDF417 , MicroQR , QR Code , DataMatrix , Aztec

### Electrical Characteristics

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

### Physical Characteristics

• Dimension(W * D * H)	22.2mm*14.6mm*9.2mm
• 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 ( There are +/- 1 cm tolerance )

• 4 mil Code39	60mm ~ 80mm
• 5 mil Code39	60mm ~ 90mm
• 13 mil EAN 13	60mm ~ 180mm
• 13 mil PDF417	40mm ~ 170mm
• 13 mil DataMatrix	30mm ~ 90mm
• 13 mil QR Code	30mm ~ 150mm

*Product specification is subject to change without notice.*

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