



Fixed-Mount 2D barcode scanner

Features

- High quality Fixed-mounted 2D barcode scanner.
- Aluminum metal housing with a stand.
- Smart & Ultra-small compact design.
- Enhance user's productivity in Auto-sensing.
- Suitable for conveyor, production line, and other applications



Scanners Specifications :

Model Name	FS5020ML
Description	Fixed 2D barcode scanner
Engine	2D engine

Performance Characteristics

• Motion Tolerance	3.0m/sec
• Scan speed	60 frame /sec
• Light source	620nm Red LED
• Depth of field	(13 mil UPC-A) : 500 mm
• Sensor	CMOS (1280×1024 pixels)
• Best resolution	1D (3mil) : Code 39
• Reading angle	Tilt: 360° / Pitch ±60° / Skew ±70°
• Print contrast	≥ 20%
• Indicators	LED & Beeper
• Symbologies	1D: EAN-8, EAN-13, ISSN, ISBN, UPC-A, UPC-E, Code 11, Code 32, Code 39, Code 93, Code 128, Codabar, industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, GS1-128, GS1 Databar, GS1 DataBar Limited, GS1 DataBar Expanded, 2D: PDF417, MicroPDF417, QR Code, Micro QR Code, Data Matrix, Aztec
• Interface	USB HID, USB Serial (by request) , RS232 (by request)

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	300 mA

Physical Characteristics

• Dimension	60 X 54 X 30 mm
• Weight	184g +/- 5g (with cable and stand)
• Case material	Aluminum & ABS plastic

Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity-operation	5% to 95% relative humidity, non-condensing
• Ambient Light	0-70000Lux

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 Code 39	100mm - 200mm
• 5 mil Code 39	90mm - 250mm
• 13 mil UPC-A	65mm - 500mm
• 20 mil QR Code	45mm - 400mm
• 10 mil Datamatrix	100mm - 250mm
• 6.67 mil PDF417	100mm - 220mm

Product specification is subject to change without notice.

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