



## Fixed-Mount 2D barcode scanner

### Features

- High quality Fixed mounted scanner.
- Aluminum metal housing with a stand.
- Smart & Ultra-small compact design.
- Enhance user's productivity in Auto-sensing.
- Suitable for production line, ATM, KIOSK, Stadium or Leisure parks device.



### Scanners Specifications :

Model Name	<b>FS5020J</b>
Description	Fixed 2D barcode scanner
Engine	2D engine

### Performance Characteristics

• Illumination Element	White LED
• Aiming LED	625 nm
• Depth of field	13 mil UPCA : 340 mm
• Sensor	CMOS (640x480 pixels)
• Best resolution	1D (4mil) : Code 39 2D (6.67mil) : PDF417
• Indicators	LED & Beeper
• Auto-sensing	Up to 200 mm
• Print contrast	≥ 30%
• Symbologies	Code 128, EAN-13, EAN-8, Code 39, Code 32 UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar, PDF417, 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	190 mA

### Physical Characteristics

• Dimension	60 X 54 X 30 mm
• Weight	182 g +/- 5 g (with cable and stand)
• Case material	Aluminum & ABS plastic

### Environment

• Temperature-operation	-15°C to 55°C
• Temperature-storage	-30°C to 70°C
• Humidity-operation	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	45mm ~ 120mm
• 5mil Code39	45mm ~ 155mm
• 13 mil UPCA	40mm ~ 340mm
• 10 mil DataMatrix	30mm ~ 155mm
• 20 mil QR code	25mm ~ 280mm
• 6.67 mil PDF417	50mm ~ 150mm

*Product specification is subject to change without notice.*

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