



Fixed-mount barcode scanner

Features

- High quality Fixed-mount barcode 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	FS5020S	FS5020E
Description	Fixed-mount 1D barcode scanner	
Engine	RIOTEC 1D laser engine	

Performance Characteristics

• Light source	650 nm Laser Diode	
• Depth of field	40 mil : Up to 520 mm	
• Scan speed	100 scans/sec	
• Best resolution	0.1 mm (4mil) - Code 39	
• Print contrast	45% or more	
• Reading angle	38°	
• Indicators	Orange/red LED & beeper	
• Auto-sensing	Up to 200 mm	
• Interface	K/B, RS232, USB (Serial), USB(HID)	
• Symbologies	Code 128, coda bar, interleave 25, Industrial 25, matrix 25, China postage, UPC-A,UPC-E, EAN-13, EAN-8, MSI, PLESSEY, code11, code 39, code 32, code 93, TELEPEN (GS1, RSS is optional)	UPC/EAN/JAN, Code11, Code 39, Code 93, Code 128, Coda bar, Interleave 25, Industrial 25, ISBN, MSI

Electrical Characteristics

• Input voltage	5 VDC \pm 0.5 V
• Current - operating	70 mA

Physical Characteristics

• Dimension	60 X 54 X 30 mm (L * W * H)
• Weight	190 g +/- 5 g (with cable)
• Case material	Aluminum & ABS plastic

Environment

• Temperature-operation	0° to 50°
• Temperature-storage	-10° to 60°
• Humidity-operation	10% to 85% relative humidity, non-condensing

Decode Zone (Based on Symbol's Standard Code 39)

• 4 mil Code 39	60 ~ 90 mm
• 5 mil Code 39	65 ~ 140 mm
• 13 mil Code 39	50 ~ 270 mm
• 20 mil Code 39	60 ~ 340 mm
• 40 mil Code 39	85 ~ 520 mm