



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	FS5022J	FS5022K
Description	Fixed-mount 2D barcode scanner	
Engine	ZEBRA SE3300	ZEBRA SE4500

Performance Characteristics

• Aiming LED	617 nm LED, dot optical power: 0.19mW typical	655nm Laser
• Illumination Element	2x 625 nm LEDs	
• Depth of field	1D (100%UPC-A) : 430 mm 2D(15mil PDF417) : 380 mm	1D (100% UPC/EAN) : 430 mm 2D (15mil PDF417):395 mm
• Scan Speed	60 frame /sec	
• Sensor	CMOS (752×480 pixels)	
• Best resolution	1D (4mil) : Code 39 2D (6.7mil) : PDF417	
• Reading angle	Tilt: 360° / Pitch ±60° / Skew ±60°	
• Print contrast	≥ 25%	
• Indicators	LED & Beeper	
• Interface	USB HID, USB Serial (by request) , RS232(by request)	
• Symbologies	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, ISBN, Code 128, UCC/EAN-128, ISBT 128, Code 39, Code39 Full ASCII, Trioptic Code 39, Code 32 (Italian Pharma Code), Code 93 , Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codabar, MSI GS1 DataBar, PDF 417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, Composite, TLC-39, MaxiCode, Postal: US PostNet, US Planet UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)	
• Auto-sensing	Up to 200 mm	

Electrical Characteristics

• Input voltage	5 VDC ±5%	
• Current - operating	460 mA	450 mA

Physical Characteristics

• Dimension	60 X 54 X 30 mm (L * W * H)	
• Weight	150 g +/- 5 g (with cable)	
• Case material	Aluminum & ABS plastic	

Environment

• Temperature-operation	0°C to 50°C	
• Temperature-storage	-10°C to 60°C	
• Humidity	5% to 95% relative humidity, non-condensing	
• Ambient Light	Maximum 96900Lux. (direct sunlight)	

Decode Zone (There are +/- 1 cm tolerance)

• 4 mil Code 39	65 ~ 150 mm	70 ~ 180 mm
• 5 mil Code 39	46 ~ 195 mm	44 ~ 200 mm
• 10 mil PDF 417	38 ~ 260 mm	60 ~ 290 mm
• 15 mil PDF 417	60 ~ 380 mm	68 ~ 395 mm
• 10 mil QR code	45 ~ 170 mm	55 ~ 190 mm
• 15 mil QR code	48 ~ 155 mm	85 ~ 280 mm
• 10 mil Data Matrix	50 ~ 220 mm	56 ~ 215 mm
• 15 mil Data Matrix	40 ~ 305 mm	66 ~ 330 mm

Product specification is subject to change without notice.

RIOTEC CO., LTD.

8F., 196-2, DaTong Rd., Sec. 3, Xizhi Dist., New Taipei City 221, Taiwan

TEL : +886-2-8647-1828

FAX : +886-2-8647-1800

E-mail : sales@riotec.com.tw

Web : www.riotec.com.tw