



Mini Fixed-mount 2D barcode scanner

Features

- High-quality Mini Fixed-mount 2D barcode scanner.
- It supports USB HID interface or USB Serial interface.
 - ** USB HID: Plug & Play, No extra driver is needed.
 - ** USB Serial: can send command to scanner, data will be sent to COM port
- Small-size, Lightweight, designed for easy operation & installation
- Suitable for ATM, KIOSK, Price Checker, and other fields.



Scanners Specifications :

Model Name	FS5102N
Engine	ZEBRA SE2707

Performance Characteristics

• Aiming LED	610 nm LED
• Illumination Element	1 Hyper Red 660 nm LED
• Depth of field	1D (20mil Code 39) : Max 420 mm 2D (20mil QR Code) : Max 250 mm
• Sensor	CMOS (640×400 pixels)
• Best resolution	1D (4mil) : Code 39 2D (6.6mil) : PDF417
• Reading angle	Roll: 360° / Pitch: ±60° / Skew ±60°
• Scan Speed	60 frame /sec
• Print contrast	≥ 20%
• Indicators	LED & Beeper
• Symbolologies	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, ISBN, Code 128, UCC/EAN-128, ISBT 128, Code 39, Code 39 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)
• Interface	USB HID , USB Serial <by request>

Electrical Characteristics

• Input voltage	5 V/DC ± 5%
• Current - operating	340 mA

Physical Characteristics

• Dimension (L x W x H)	34.5 x 43.6 x 15.6 mm (without cable)
• Color of housing	Black
• Weight	30g (with cable)

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	Maximum 107,639 Lux. (direct sunlight)

Decode Zone (DOF is measured at the office under 600 lux and by Standard barcode. There are +/- 10 mm Tolerance. DOF may be also impacted by barcode quality and environmental conditions.)

• 4 mil Code 39	75 ~ 100 mm
• 5 mil Code 39	65 ~ 120 mm
• 13 mil UPC-A	60 ~ 300 mm
• 20 mil Code 39	100 ~ 420 mm
• 6.67 mil PDF417	75 ~ 110 mm
• 10 mil DataMatrix	70 ~ 140 mm
• 20 mil QR Code	55 ~ 250 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

