



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	FS5028K
Description	Fixed 2D barcode scanner
Engine	Opticon MDI-4100

Performance Characteristics

• Illumination Element	White LED
• Aiming LED	525nm (Green)
• Depth of field	(20 mil Code 39) : 373 mm
• Scan Speed	100 frame /sec
• Sensor	CMOS (640×480 pixels)
• Best resolution	1D (CODE39): 5 mil 2D (PDF417): 6.7 mil
• Reading angle	Tilt: 360° / Pitch ±65° / Skew ±65°
• Print contrast	≥ 20%
• Indicators	LED & Beeper
• Auto-sensing	Up to 200 mm
• Symbologies	1D: UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), Industrial 2 of 5, Interleaved 2 of 5, S-Code, Code 128, Code 93, IATA, MSI/Plessey, UK/Plessey, Telepen, Code 11, Matrix 2 of 5, Chinese Post Matrix 2 of 5, Korean Postal Authority code, Intelligent Mail Barcode, POSTNET, JPN (Customer Barcode), GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1 DataBar, Composite GS1-128, Composite EAN, Composite UPC 2D: PDF417, MicroPDF417, Codablock F, QR Code, MicroQR Code, Data Matrix (ECC 000-140 / ECC 200), Aztec Code, Aztec Runes, Chinese-sensible code, Maxi Code
• Interface	USB HID, USB Serial (by request) , RS232C (by request)

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	390 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	-20°C to 60°C
• Temperature-storage	-20°C to 70°C (option -25°C~70°C)
• Humidity-operation	5% to 90% relative humidity, non-condensing

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.)

• 10 mil Code 39	65~ 210mm
• 13 mil UPC	65 ~ 250mm
• 6.7 mil PDF417	60 ~ 135mm
• 10 mil PDF417	55 ~ 185mm
• 6.7 mil QR Code	75 ~ 95mm
• 15 mil QR Code	30 ~ 215mm
• 10 mil Data Matrix	60 ~ 150mm
• 7.9 mil Code 128	80 ~ 165mm

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