Fixed-Mount 2D barcode scanner

Features

FS5020M is a hand-free barcode scanner which reads 1D and 2D barcodes quickly, even on paper or on smartphone screen.
With excellent decoding ability, FS5020M can read the moving barcodes well. so, FS5020M can be integrated in to production line or conveyor system.



Advantages:
** Easy installation
** Rugged aluminum housing
** Read 1D/2D barcodes on paper or on the screen quickly
** Streaming Presentation

Scanners Specifications：

Model Name	**FS5020M**
Description	Fixed-mount 2D barcode scanner
Engine	2D engine
Performance Characteristics	
• Motion Tolerance	3.0m/sec
• Scan speed	60 frame /sec
• Light source	620nm Red LED
• Depth of field	(13 mil UPC-A)：240 mm
• Sensor	CMOS (1280×1024 pixels)
• Best resolution	1D (3mil)：Code 39
• Reading angle	Tilt: 360° / Pitch ±60° / Skew ±70°
• Print contrast	≥ 20%
• Indicators	LED & Beeper
• Symbologies	1D: EAN-8, EAN-13, ISSN, ISBN, UPC-A, UPC-E, Code 11, Code 32, Code 39, Code 93, Code 128, Codabar, industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, GS1-128, GS1 Databar, GS1 DataBar Limited, GS1 DataBar Expanded 2D: PDF417,MicroPDF417, QR Code, Micro QR Code, Data Matrix, Aztec
• Interface	USB HID, USB Serial (by request), RS232 (by request)
Electrical Characteristics	
• Input voltage	5 V/DC ± 5%
• Current - operating	300 mA
Physical Characteristics	
• Dimension (L x W x H)	60 x 54 x 30 mm
• Weight	182g +/- 5g (with cable and stand)
• Case material	Aluminum & ABS plastic
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	0-70000Lux
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 Code 39	30mm - 130mm
• 5 mil Code 39	35mm - 160mm
• 13 mil UPC-A	30mm - 260mm
• 20 mil QR Code	25mm - 250mm
• 10 mil Datamatrix	25mm - 150mm
• 6.67 mil PDF417	25mm - 160mm

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