



Mini Fixed-mount 2D barcode scanner

- 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.



Specifications :

Model Name	FS5101K
Engine	2D engine

Performance Characteristics

• Illumination Element	White LED
• Aiming LED	650 nm
• Depth of field	13mil EAN13: 330mm max
• Sensor	CMOS (1280×800 pixels)
• Best resolution	4mil Code39
• Reading angle	Roll: 360 ° Pitch: 60 ° Skew : 70°
• Print contrast	30% or more
• Interface	USB HID ,USB Serial <by request>
• Symbolologies	1D : Codabar 、 Code39 、 Code32 、 Interleaved 2 of 5 、 Industrial 2 of 5 、 Matrix 2 of 5 、 Code93 、 Code11 、 Code128 、 GS1-128 、 UPC-A 、 UPC-E 、 EAN/JAN-8 、 EAN/JAN-13 、 ISBN 、 ISSN 、 GS1 databar 、 GS1 databar limited 、 GS1 databar expanded 、 MSI 2D : PDF417 、 Micro PDF417 、 QR Code 、 Micro QR 、 Data Matrix 、 Aztec

Electrical Characteristics

• Input voltage	5 V/DC ± 5%
• Current - operating	220 mA max

Physical Characteristics

• Dimension (L x W x H)	34.5 x 43.6 x 15.6 mm (without cable)
• Color of housing	Black
• Weight	31g (with cable)

Environment

• Temperature-operation	0°C to 55°C
• Temperature-storage	-10°C to 60°C
• Humidity-operation	Up to 95% relative humidity, non-condensing

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.)

• Code39(4mil)	50 mm - 110 mm
• Code39(5mil)	50 mm - 140 mm
• UPC-A(13mil)	50 mm - 330 mm
• PDF417(6.67mil)	60 mm - 125 mm
• QR Code(20mil)	40 mm - 260 mm

Product specification is subject to change without notice.

RIOTEC CO., LTD.

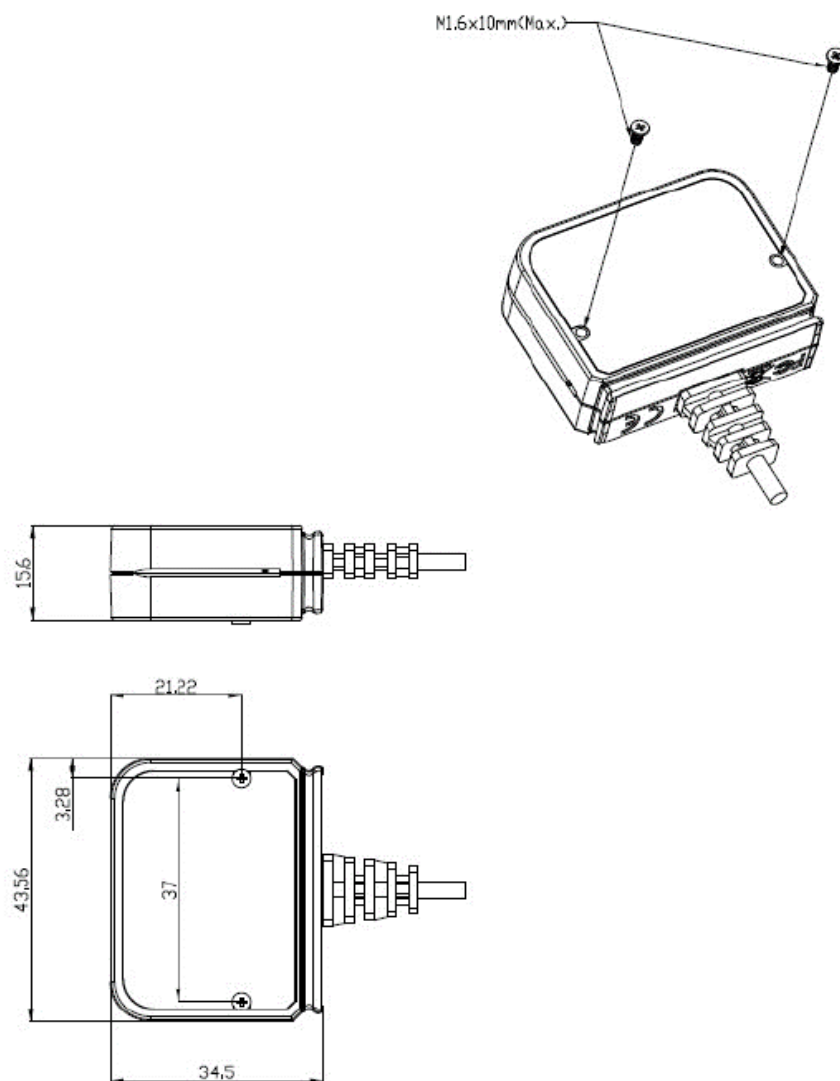
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1. The product size figure is mm
2. Please use M1.6 Screw, length depends on PCB thickness and more than 4~5 mm
3. The tolerance range $\pm 0.1\text{mm}$
4. Torque: $1.1\text{Kg}\cdot\text{cm} \pm 10\%$