



Mini Fixed-mount barcode scanner

Features

- High-quality Mini Fixed-mount Laser 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	FS5103A
Engine	Honeywell N4313

Performance Characteristics

• Light Source	650 nm Laser Diode
• Depth of Field	Code39 40 mil : 830 mm
• Scan Speed	108±16 scans /sec
• Best Resolution	4 mil Code 39
• Print Contrast	20% or more
• Interface	USB HID ,USB Serial <by request>
• Symbolologies	Codabar, Code11, Code128, Code32, Code39, Code93, EAN/JAN-13, EAN/JAN-8, GS1DataBar Expanded ,GS1DataBar Limited ,GS1DataBar Omnidirectional, GS1-128, interleaved 2 of 5, ISBT 128, Matix 2 of 5, MSI, NEC 2 of 5, Plessey Codes ,Postal Codes, Straight 2 of 5 IATA, Straight 2 of 5 Industrial, Telepen, Troptic Code, UPC-A, UPC-E0, China Post

Electrical Characteristics

• Input voltage	5 V/DC ± 5%
• Current - operating	200 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	34 g (with cable)

Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity	Up to 90% relative humidity, non-condensing
• Ambient Light	100,000 lux max

Depth of Field (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.)

• 4 mil Code39	100 mm - 145 mm
• 5 mil Code39	90 mm - 185 mm
• 13 mil EAN 13	65 mm - 440 mm
• 40 mil Code39	43 mm - 830 mm

Product specification is subject to change without notice.

RIOTEC CO., LTD.

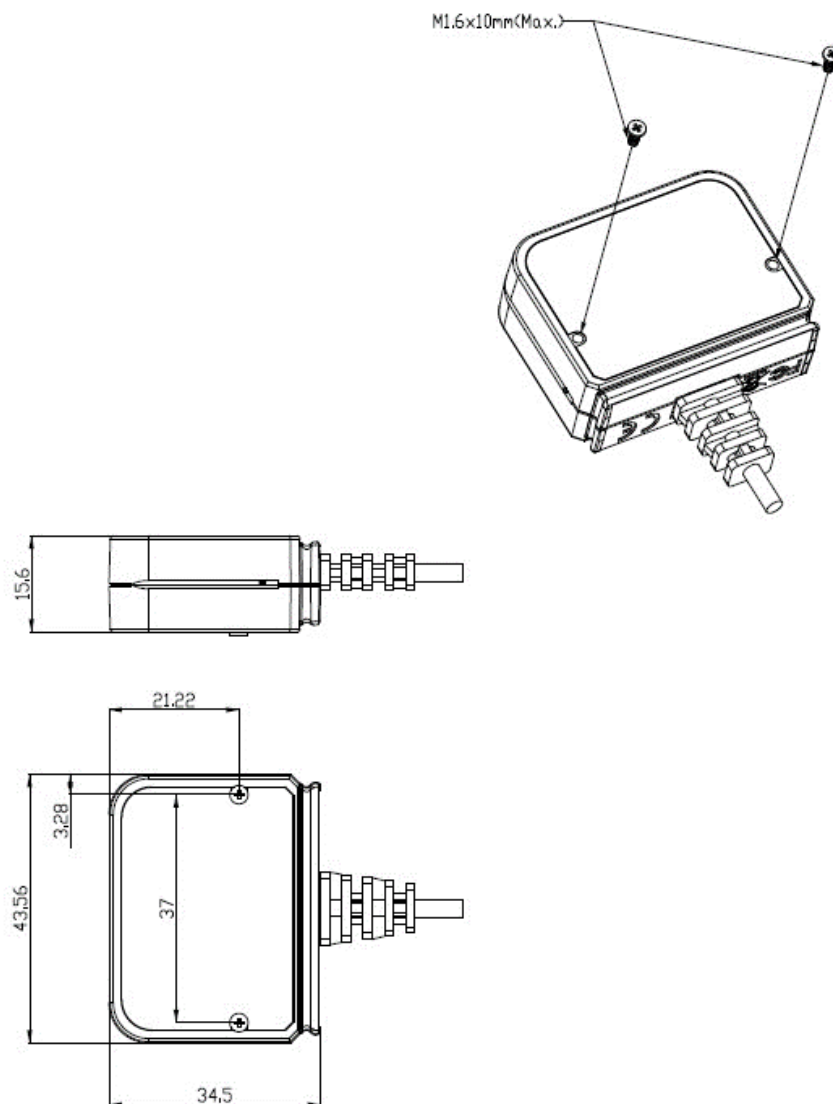
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1. The product size figure is mm
2. Please use M1.6 Screw, length depends on PCB thickness and more than 4~5 mm
3. The tolerance range $\pm 0.1mm$
4. Torque: $1.1Kgf \cdot cm \pm 10\%$