RIOTEC

Mini Fixed-mount barcode scanner

Features

· **High-quality Mini Fixed-mount CCD 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	**FS5107A**
Engine	Ultra-long range CCD scan engine

Performance Characteristics

• Light source	610nm~640nm Red LED
• Depth of field	13 mil EAN 13 ： 440 mm max
• Scan speed	300 scans/sec
• Best resolution	4 mil Code 39
• Interface	USB HID , USB Serial <by request>
• Print contrast	30% or more
• Symbologies	Code 128,EAN-13, EAN-8,, Code 39, UPC-A, UPC-E,Codabar,Interleaved 2 of 5, ISSN, ISBN,Code 93,MSI,Matrix 2 of 5,Industrial 2 of 5,Code 11,RSS-14 RSS-14-limited,RSS-14-expand

Electrical Characteristics

• Input voltage	5 V/DC ± 5%
• Current - Reading	60 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	30 g (with cable)

Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity	Up to 95% 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	75mm ~ 180mm
• 5 mil Code39	70mm ~ 200mm
• 13 mil EAN 13	55mm ~ 440mm

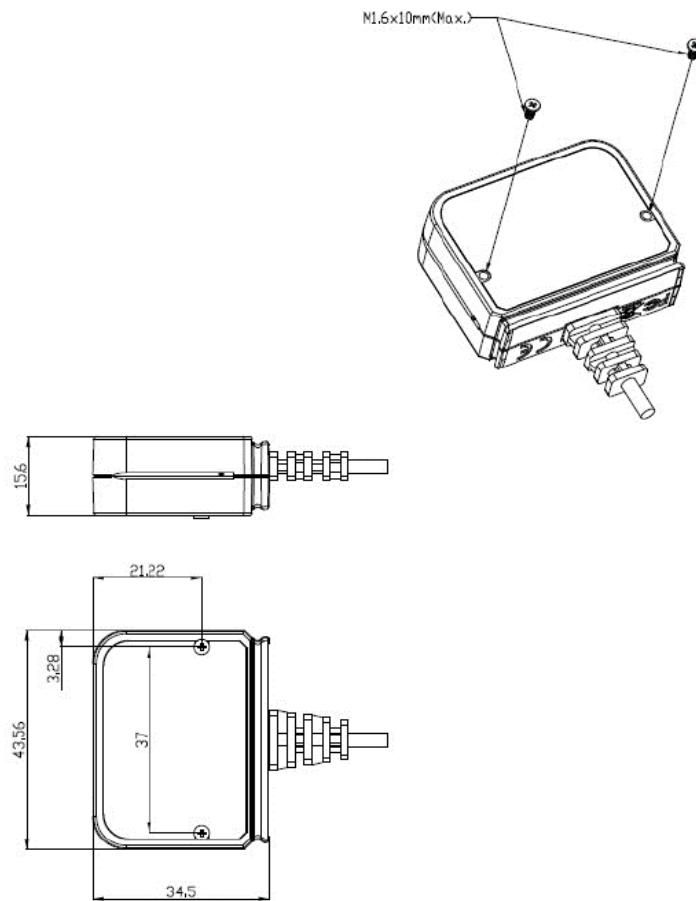*Product specification is subject to change without notice.*

M1.6×10mm(Max.)

15.6

21.22

3.28

43.56

37

34.5

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