



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	FS5100K
Engine	2D scan engine

Performance Characteristics

• Illumination Element	White LED
• Aiming LED	Red Light : 625nm \pm 3nm
• Depth of field	13mil EAN13:180mm 13mil PDF417:170mm
• Sensor	CMOS (640x480 pixels)
• Best resolution	4mil Code39 13mil DataMatrix
• Reading angle	Roll: 360 ° Pitch: 50 ° Skew : 50°
• Print contrast	\geq 20%
• Interface	USB HID, USB Serial <by request>
• Symbolologies	1D: EAN-8 , EAN-13 , UPC-A , UPC-E , Code 39 , Code 93 , Code 128 Codabar , Interleave 2 of 5 , MSI , GS1 Databar , ISBN , GS1-128 2D: PDF417 , QR Code , DataMatrix , Aztec

Electrical Characteristics

• Input voltage	5 V/DC \pm 5%
• Current - operating	\leq 230mA

Physical Characteristics

• Dimension (L * W * H)	43.6 X 34.5 X 15.6 mm (without cable)
• Color of housing	Black
• Weight	30g (with cable)

Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity-operation	5% 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 Torrence. DOF may be also impacted by barcode quality and environmental conditions.)

• 4 mil Code39	60mm - 80mm
• 5mil Code39	60mm - 90mm
• 13 mil EAN 13	60mm - 180mm
• 13 mil PDF417	40mm - 170mm
• 13 mil DataMatrix	30mm - 90mm
• 13 mil QR Code	30mm - 150mm

Product specification is subject to change without notice.

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