



Fixed-mount 2D barcode scanner

Features

- High quality Fixed mounted scanner.
- Aluminum metal housing with a stand.
- Smart & Ultra-small compact design.
- Enhance user's productivity in Auto-sensing.
- Suitable for production line, ATM, KIOSK, Stadium or Leisure parks device



Scanners Specifications :

| | |
|-------------|--------------------------------|
| Model Name | FS5022N |
| Description | Fixed-mount 2D barcode scanner |
| Engine | ZEBRA SE2707 |

Performance Characteristics

| | |
|------------------------|--|
| • Aiming LED | 610 nm LED |
| • Illumination Element | 1 Hyper Red 660 nm LED |
| • Depth of field | 1D (20mil Code 39) : Max 420 mm 2D (20mil QR Code) : Max 250 mm |
| • Scan speed | 60 frame /sec |
| • Sensor | CMOS (640x400 pixels) |
| • Best resolution | 1D (4mil) : Code 39 2D (6.6mil) : PDF417 |
| • Print contrast | ≥ 20% |
| • Reading angle | Roll: 360° / Pitch: ±60° / Skew ±60° |
| • Indicators | LED & beeper |
| • Auto-sensing | Up to 200 mm |
| • Interface | USB HID,USB Serial (by request) , RS232(by request) |

• Symbolologies

UPC-A,UPC-E, UPC-E1,EAN-8 EAN-13,ISBN,Code 128,UCC/EAN-128, ISBT 128,Code 39,Code39 Full ASCII, Trioptic Code 39, Code 32(Italian Pharma Code),Code 93,Code 11,Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codabar, MSI GS1 DataBar, PDF 417, MicroPDF417, Datamatrix, QR Code, Micro QR Code,Aztec,Composite, TLC-39, MaxiCode, Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

Electrical Characteristics

| | |
|-----------------------|------------|
| • Input voltage | 5 VDC ± 5% |
| • Current - operating | 340 mA |

Physical Characteristics

| | |
|-------------------------|--------------------------------------|
| • Dimension (L x W x H) | 60 x 54 x 30 mm |
| • Weight | 182 g +/- 5 g (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 |

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 Code 39 | 75 ~ 100 mm |
| • 5 mil Code 39 | 65 ~ 120 mm |
| • 13 mil UPC-A | 60 ~ 300 mm |
| • 20 mil Code 39 | 100~ 420 mm |
| • 6.67 mil PDF417 | 75 ~ 110 mm |
| • 10 mil DataMatrix | 70 ~ 140 mm |
| • 20 mil QR Code | 55 ~ 250 mm |

Product specification is subject to change without notice.

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