

SA H5100 is 2D handheld imager barcode scanner, which is designed for low duty scanning applications with cost-effective cost. It provides users with more convenience for decoding all standard 1D and some types of 2D barcode which enabling them to be more productive and reducing your need to invest in multiple devices.

Whether you need to scan printed bar codes on paper labels or mobile bar codes on the screen of a mobile phone, H5100 can scan any 1D or 2D bar code from the printed labels in retail that identify product and pricing at the register to mobile coupons, mobile payment, such as Alipay, Wechat, etc.

H5100 provides an ergonomic user-preferred finger trigger design and an optional hand-free stand, which ensures comfort and ease of use for your operators.

Its housing design can also provide excellent performance for a wide variety of applications, such as retail, government, distribution centers, field service, direct to store delivery, healthcare, laboratory, etc.



Features

- **Quick scan the Barcode on the Screen:** Support scanning bar codes on the screen of Mobile phone or other digital screen
- **User-Friendly Design:** Pistol-style with index finger trigger ensuring operator comfort and ease of use.
- **Reliable:** The durability of 100% solid state technology and a 1-year warranty.
- **Omnidirectional Scanning:** Eliminates need to orientate device to a bar code
- **Ease of Connectivity:** Common interfaces are integrated to ensure fast and easy connection to your host or PC.
- **Illumination Technology:** ease of use by delivering scanning and minimizing reflection from shiny items
- **Intuitive User Feedback:** Programmable options for application, beeper settings, etc.
- **Others:** Fully decoding 1D standard barcode and QR Code, Data Matrix, PDF417

Electrical

Input Voltage: 5 V DC (± 0.25)
Operating Power: 1.75W (350mA @ 5 VDC)
Standby Power: 0.44W (110mA @ 5 VDC)

Mechanical

Length: 98.4cm
Height: 164.4 mm
Width: 67.4mm
Weight: 140g (scanner), 190g (Stand)
Housing: ABS+PC/TPU
IP Rating: IP41

Environmental

Operating Temperature: -10°C to +50°C
Storage Temperature: -40°C to +60°C
Humidity: 5% to 90%, non-condensing
Mechanical Shock: Operational after 25 drops from 1.2 m to concrete

Decoding Capability

1-D UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN-13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code), Code 39 (Standard, Full ASCII, Trioptic, Code32 (Italian Pharmacode), Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/NW7, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)

Postal 4 State Customer, UPU FICS 4 State Postal, USPS 4CB, Canadian Post (Postbar), etc.

2-D QR Code, Data Matrix, PDF417

Scan Performance

Scan Pattern: Area Image

Light Source: White LED for lighting, Red LED for Aiming

Typical Depth of Field: Minimum distance determined by symbol length, scan angle, printing resolution, contrast, ambient light dependent, etc.

PDF417 5 mils: 5.0 to 12.0 cm

QR Code 10 mils: 5.0 to 15.0 cm

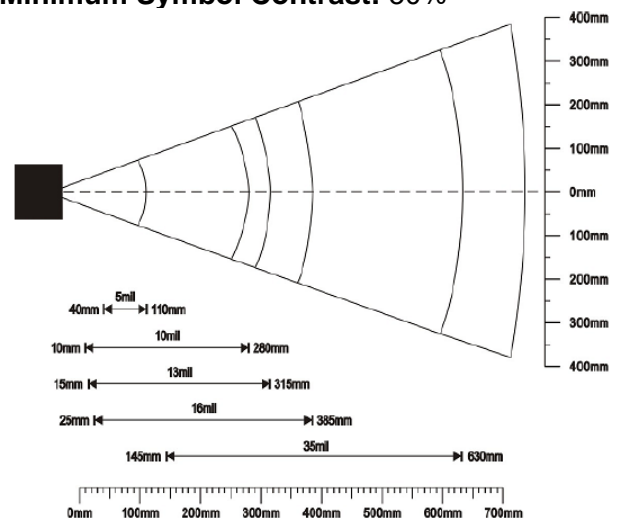
Data Matrix 15 mils: 5.0 to 25.0 cm

Resolution (Minimum): 5 mil

Skew Angle: $\pm 45^\circ$

Pitch Angle: $\pm 45^\circ$

Minimum Symbol Contrast: 30%



Interface

Interface: RS-232; USB

Certifications

Certification: CE, FCC

Warranty

Warranty: One year factory warranty.

Accessories



ST311 Optional Stand



Scanner with Stand Demo



T-2M-USB Cable

