

SA H5400 (Part NO.:H5400-D01U) is high performance 2D area imager handheld barcode scanner, which is specifically designed for reading long and truncated 1D codes and larger 2D codes from close distances. It provides users with more convenience for decoding all standard 1D and some types of 2D barcode, whether printed or displayed on a mobile device.

This model has an extra-wide field of view which captures these challenging 1D and 2D codes at a nominal distance using different scan angles, meeting the scanning needs in retail, government, distribution centers, field service, direct to store delivery, healthcare, laboratory, etc., which is the most affordable area imager with the best performance in its class.

The ergonomic finger trigger design provides users with enjoyable silky touch and the white illumination combined with the blue aiming dot provides users with a visible and clear aiming system without irritating the user's eyes, which ensures comfort and ease of use for your operators.

This model is available in two interface options: USB or Keyboard Wedge/RS-232, which is for a wide variety of applications, such as retail, government, distribution centers, field service, direct to store delivery, healthcare, laboratory, etc.



Features

- **Quick scan on the Screen:** excellent performance in reading bar codes displayed on mobile devices
- **User-Friendly Design:** enjoyable silky touch ergonomic finger trigger
- **Reliable:** compact and robust, ensures high reliability and durability
- **Scanning Angle:** wide scan angle and field of view
- **Ease of Connectivity:** USB or Keyboard Wedge/RS-232 easy connection to device
- **Illumination Technology:** ease of use by delivering scanning and minimizing reflection from shiny items
- **Intuitive User Feedback:** light indication instead of voice, beeper settings, etc.
- **Others:** Fully decoding standard 1D and 2d barcode, especially for QR Code

Mechanical

Length: 71.0cm
Height: 171.0 mm
Width: 66.0mm
Weight: 120g
Housing: ABS+PC
IP Rating: IP42

Environmental

Operating Temperature: -10°C to +50°C
Storage Temperature: -20°C to +70°C
Humidity: 0 to 95%
Mechanical Shock: Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.

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, Code 32 (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 PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Hanxin, etc.

Electrical

Input Voltage: 5 V DC (± 0.25)
Operating Power: 170mA @ 5 VDC
Standby Power: 90mA @ 5 VDC

Scan Performance

Scan Pattern: Area Imager, Wide VGA: 640 x 480 pixels

Light Source: Aiming: 1 Blue LED; Illumination: White LED 350 - 770 nm

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

Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in

EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in

PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in

Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in

QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in

Resolution (Minimum): Code 39: 4 mils: 0.102 mm, PDF417: 6.6 mils: 0.168 mm, QR/Data Matrix: 7.5 mils: 0.191 mm

Field of View: 48 x 37° (H x V)

Reading Angle: Roll (Tilt): +/- 360°; Skew Angle: $\pm 65^\circ$ Pitch Angle: $\pm 65^\circ$

Minimum Symbol Contrast: 20%

Scan Rate: 80 plus scans per second

Reading Indicators: Beeper (Adjustable Tone and Volume); Spot Good Read Feedback; Good Read LED

Interface

Interface: USB or Keyboard Wedge/RS-232 easy connection to device

Certifications

Certification: CE, FCC

Warranty

Warranty: One year factory warranty, 3~5 years option.

