

SA H5110 is 2D handheld imager barcode scanner, which is designed for heavy duty scanning applications with attractive 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, H5110 can scan any 1D or 2D bar code from them, especially for mobile payment, such as Alipay, Wechat, etc.

H5110 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 scan engine combined with optical design and its rugged housing to endure today's toughest work environments, packed with the most complete set of features, ease of use, and stylish, modern design.

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



## Features

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- **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.
- **Rugged Housing:** IP 54 housing design can make the scanner to work on heavy duty.

## Electrical

**Input Voltage:** 5 V DC ( $\pm 0.25$ )  
**Operating Power:** 1.9W (380mA @ 5 VDC)  
**Standby Power:** 0.4W (80mA @ 5 VDC)

## Mechanical

**Length:** 98.4cm  
**Height:** 164.4 mm  
**Width:** 67.4mm  
**Weight:** 170g (scanner), 190g (Stand)  
**Housing:** ABS+PC/TPU  
**IP Rating:** IP41

## Environmental

**Operating Temperature:**  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$   
**Storage Temperature:**  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$   
**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:** Red LED for lighting, Green 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 20.0 cm

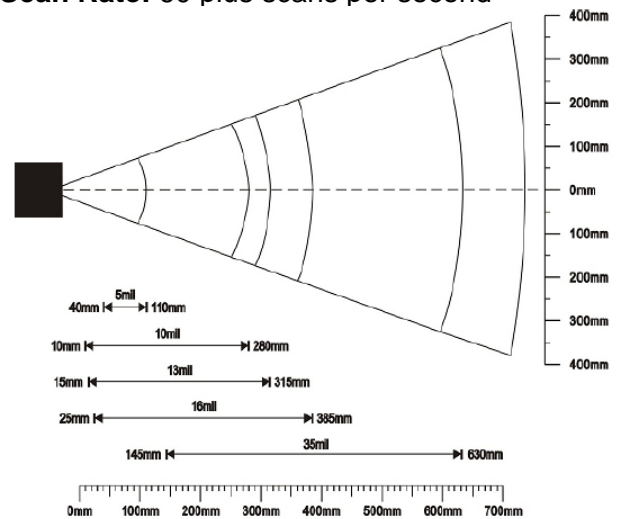
**Data Matrix** 15 mils: 5.0 to 30.0 cm

**Resolution (Minimum):** 5 mil

**Skew Angle:**  $\pm 45^{\circ}$  **Pitch Angle:**  $\pm 45^{\circ}$

**Minimum Symbol Contrast:** 30%

**Scan Rate:** 60 plus scans per second



## 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

