ST-2010W

2D image wireless Scanner

ST-2010W is a very cost-effective two-dimensional image scanner, its image scanning technology can be applied to a variety of application environments, whether QR code or one-dimensional bar code, can be scanned in all directions, whether label bar code or screen display bar code can be sensitive identification, and even in scanning damaged or poor print quality bar code, showing excellent decoding performance.

ST-2010W provides customers with a wealth of settings in terms of functionality. For example, the scanning mode can be triggered by keystrokes or automatic continuous scanning, the bar code data can be prefixed and suffixed, a variety of Terminators can be selected, and so on. Rich features can fully meet the special use requirements of a variety of customers.

100% curing technology makes ST-2010W not easy to damage, the structural strengthened keys can be subjected to rough use, comfortable ergonomic design keys and handheld handles, extremely convenient and comfortable to use, not easy to fatigue.

To sum up, ST-2010W is a reliable and economical scanner that can fully meet the requirements of customers. Can be widely used in express logistics, retail, e-commerce, office automation and other fields.

Characteristics

- Image recognition technology: barcode information can be read quickly without accurate focus, and 1D and 2D codes can be scanned in all directions.
- And the user experience is greatly improved by adopting a Hejie wireless instant-start technology, the fast start-up after the dormancy, the non-stagnation of the first reading code, and the like.
- The use of Hejie high energy conservation technology greatly reduces the power consumption and prolongs the single use time and long-term service life.
- Using Hegegao integrated technology, thanks to the independent research and development of scanning engine technology and wireless technology, the whole set of solutions is formed as a whole.
- Humanized design: in line with ergonomic design, when the staff use, the feel of the hand is more comfortable, the operation is more convenient, and it is not easy to fatigue.
- IP54 protection grade, 100% solidified hardware, dust prevention and fall prevention to adapt to special application environment.
- High-speed scanning of digital electronic screens such as mobile phones, USB driver-free support for QR code Chinese characters.
- 2.4Ghz wireless efficient transmission, indoor 10m effective distance.

Technical parameter

Performance parameter

Optical system ：CMOS

Capture light source：617nm LED

Lighting source：6500K LED

Sensitivity： Roll 360° Pitch ±60° Skew ±65°

Minimum contrast：20%

Reading code system1D：UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISBT Concat and Pharmacode (Optional)

Reading code system2D： QR Code, PDF417, Data Matrix

Transmission parameter

Transmission mode: 2.4GHz wireless

Communication distance: 10 m (indoor); 50 m (empty)

Battery life: 1600mAh battery, scanning 25000 times or operation for 3.5H, standby for more than one week

Charging mode: USB data line charging

OS：IOS\Android，etc

Electrical parameter

Electric voltage：4.5～5.5V DC V1 ± 5%

Electric current：Scan 100mA / standby 30~40mA

Mechanical parameters

Size：170mm(L)x 60mm(W)x95mm(H)

Shell material：ABS

Weight：120g

Drop: resistant to 1 m free fall on cement floor

Enviromental parameter

Working temperature ： -20℃～50℃

Storage temperature：-40℃～70℃

Working humidity：0%～95%（Non-condensation）

Typical depth of field：	
5mil code39	50mm - 110mm
10mil Code93	40mm - 200mm
15mil EAN\UPC	40mm - 250mm
20mil QR	20mm - 165mm

| 条码贴变形 | 打印质量有问题 | 多支包装透底干扰 |
| 磨损条码 | 脏污条码 | 奇怪条码 |

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