ST-3000

1D/2D Omni-Direction Barcode Scanner

For retailers looking to improve the efficiency of cash registers, improve customer experience and better implement mobile marketing plans, ST-3000 platform scanner could take full responsibility.

With its modern design and powerful imaging capabilities, the ST-3000 can easily match existing cash registers for use in high-traffic retail cashier environments such as large supermarkets, department stores, convenience stores, pharmacies, specialty stores, cigarette hotels and grocery stores.

Support 1D bar code and 2D bar code, and can quickly read electronic digital screen bar code for payment or preferential software applications.

Can quickly read all kinds of glossy surface and special surface bar code, but also can read infusion bags, plastic packaging drugs and other difficult to read bar code. Suitable for retail, manufacturing, medical and logistics industries.

Characteristics

- Ultra-high-speed two-dimensional imaging technology can read both high-density bar code and wide-width bar code.

- Excellent screen bar code reading ability,Can directly read the payment bar code on mobile devices, electronic coupons, and so on.

- The high speed camera optical technology and the supporting high speed kernel architecture are adopted.Especially suitable for high speed register bar code in retail industry.

- Stylish, sophisticated, read code scanning window wider and wider,The effective recognition area is larger than the cat eye design type scanning platform.

- Solid-state hardware design, high durability, stable and reliable.

Technical parameter

Performance Parameters	
Light Source	Illumination 650nm LED
Optical Resolution	1280*900
Print contrast Signal	25% minimum reflective difference
Field of View:	45° (H) x 35° (V)
Roll/Pitch/Yaw	360° / ± 65° / ± 60°
Indicator	Blue LED & beeper
Interface	USB or RS232（Option）
Symbologies: 2D	PDF417, MicroPDF417,Data Matrix, Maxicode,QR Code，MicroQR,Aztec
Symbologies: 1D	UPC/EAN, Code 128, Code 39, Code 39 , Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Industrial 2of 5, Martrix 2 of 5, Codabar, MSI/Plessy, GS1 Databar and Pharmacdoe (Optional)
Electrical Parameters	
Input Voltage	5V DC ±5%
Current - Standby	90mA
Current - Operating	400mA
Mechanical Parameters	
Case Material:	104mm×(L)96mm(W)×166mm(H)
Dimension:	300g (without package); 530g (Include package and accessories)
Weight:	ABS
Cable:	USB: HID KEYBOARD(default mode)
Environmental Parameters	
Operating Temperature	32° to 122° F / 0° to 50° C
Storage Temperature:	-40° to 158° F / -40° to 70° C
Humidity:	5% to 95%, non-condensing
Drop/Shock Specifications	Withstands 10Gs 0.06" double amp
Ambient Light Immunity	Immune to indoor lighting up to 1600 Lux. Immune to sunlight up to 86,000 Lux.
Decode Ranges and Resolution	
Symbol & Density	Range
Code 39 (5 mil)	0mm-60mm
QR Code (15mil)	0mm-200mm

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