2D Image Barcode Scanner
User Manual

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Technical Parameters

Light Source	White LED
Sighting Device	Red LED, 617nm
Interface	USB
Scanning Type	Image
Scanning Angle	Angle of pitch ±70°,Angle of inclination ±60°, Rotation ±180°
Discernible Printing Contrast	Minimum 30% contrast
Decoding Capability	All standard 1D and 2D bar codes
Size	L*W*H:170mm*97mm*68mm
Weight	146g(without cable)
Input Voltage	4 ~ 5.5 V DC
Operating Power	2W; 400mA @ 5V-typical value
Standby Power	0.45W; 90mA @ 5V-typical value
EMC	EN55022, EN55024 Class B
LED Safety Certificate	IEC62471
C B	IEC60950
Other Certificate	GOST-R, CE
Operating Temperature	0°C - 40°C
Storage Temperature	−40°C - 60°C
Humidity	5%~95% relative humidity (non-condensing)
Light Level	0 - 100,000LUX
Shock Resistance	Designed to withstand1.5 meters drop on concrete surface
Dust Proof	Seal to prevent air dust
IP Level	Ip54
Bar Code Density	Depth of field
5 mil Code39	33 - 95 mm (1.3 - 3.7 in.)
13 mil UPC-A	32 - 255 mm (1.3 - 10.0 in.)
20 mil Code 39	35 - 355 mm (1.4 - 14.0 in.)
6.7 mil PDF417	30 - 95 mm (1.2 - 3.7 in.)
10mil Data Matrix	30 - 100 mm (1.2 - 3.9 in.)
15mil Data Matrix	21 -162 mm (0.8 -6.4 in.)
20mil QR	23 -200 mm (0.9 -7.9 in.)
Resolution	4 mil
Tolerance	100mm/sec 13 mil UPC

Connect the Barcode Scanner

Connect the barcode scanner to the incidental special connector, and then insert the USB port to the PC.

If the barcode configuration is off, please refer to 'Configuration Code ON/OFF' and scan 'ON'.

Interface Mode

This barcode scanner supports USB keyboard mode and USB convert to RS232 mode.

Scan the below bar code to set up the scanner as USB Keyboard mode. This is the default mode.

USB keyboard (default)

Scan the below bar code to set up the scanner as USB convert to RS232 mode. (Need to install driver. Please contact our sales team.)

USB convert to RS232

Configuration Code ON/OFF

When this function is on, all setup bar codes can be scanned to configure the scanner.

When this function is off, all setup bar codes can't be scanned to configure the scanner. Re-scan 'ON' then the scanner can read the setup bar codes and start settings.

ON (default)

OFF

Default Configuration

Scan the below bar code to reset configuration to defaults.

Reset Factory Default

User Configuration

Scan the below bar code to save the current parameters as user configuration.

Save user configuration

Scan the below bar code can reset the scanner to the saved user configuration.

Reset user configuration

Screen Reading Mode

When this mode is on, the scanner will read the bar codes better on mobile phone screen or computer screen. Please note that this mode will probably lower the scanning speed of reading bar codes on paper. This mode is off as factory default.

OFF (Defaults)

ON

Center Mode

When center mode is on, the scanner will only read the bar codes in the center area which it aims at. This mode is off as factory default.

OFF (Defaults)

ON

Suffix

Notes:

Scan the below bar codes to setup different suffix under the USB serial mode. It can only add CR suffix under the USB keyboard mode.

Cancel CR /LF suffix

Add CR suffix

Add LF suffix

Add CR&LF suffix (Defaults）

Instructions

To make a good read, the light beam of the scanner should aim at the center of the bar code at any direction.

Hold the scanner and press the button. The light beam should aim at the center of the bar code.

The closer the scanner to the bar code, the smaller the light beam is. If not, the light beam is larger. If the bar code is small, make the scanner closer to the bar code. If not, make the scanner farther to make a good read.

If the bar code is with a high reflexivity (ex. coating film), the scanner should be at a right angle of slope, then can read successfully.

Warranty Card

1. Customers can enjoy the legal rights using the purchase invoice and the warranty card without doing any warranty procedures.
2. All the warranty items are subject to the guarantee clause and user notice that published by our company.
3. We will not guarantee the product if it is in one of the following situation, but we can offer maintenance service with charges.
   (1) Man-made damage or improper operation;
   (2) Damage caused by maintenance of non-professionals;
   (3) Have no warranty card, the model is inconsistent with actual or the warranty card is obliterated;
   (4) Irresistible damage (natural disasters like thunder, earthquake, fire, etc.)
4. Please fill in the warranty card. Do not obliterate the card. Otherwise, we will make charges maintenance.
5. Please keep this card well. We will not offer another warranty card.

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Laser Barcode Scanner Warranty Proof

User Name		Telephone	
Address			
Purchasing Date	D/ M/ Y	Model	
Serial NO.		Agency	
Maintenance Record			
Date	Product Failure	Maintenance Condition	Repairman