2D RING BARCODE SCANNER
Quick Guide

REGULATORY INFORMATION

FCC WARNING STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CANADIAN DOC STATEMENT

This digital apparatus does not exceed the Class B limits for radio noise for digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de las classe B prescrites dans le Réglement sur le brouillage radioélectrique édicté par les ministère des Communications du Canada.

CE MARKING AND EUROPEAN UNION COMPLIANCE

Testing for compliance to CE requirements was performed by an independent laboratory. The unit under test was found compliant with all the applicable Directives, 2004/108/EC and 2006/95/EC.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The WEEE directive places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life.

ROHS STATEMENT OF COMPLIANCE

This product is compliant to Directive 2002/95/EC.

NON-MODIFICATION STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING AND CAUTION

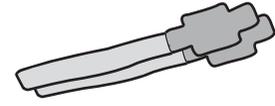|	
🚫	1. Take any metals into contact with the terminals in connectors. 2. Use the scanner where any inflammable gases.
❗	If following condition occur, immediately power off the host computer, disconnect the interface cable, and contact your nearest dealer. 1. Smoke, abnormal odors or noises come from the scanner. 2. Drop the scanner so as to affect the operation or damage its housing.
🚫 Do Not	Do not do behavior below. 1. Put the scanner in places excessively high temperatures such as expose under direct sunlight. 2. Use the scanner in extremely humid area or drastic temperature changes. 3. Place the scanner in oily smoke or steam environment such as cooking range. 4. Be covered or wrapped up the scanner in bad-ventilated area such as under cloth or blanket. 5. Insert or drop foreign materials or water into scanning window or vents. 6. Using the scanner while hand is wet or damp. 7. Use the scanner with anti-slip gloves containing plasticizer and chemicals or organic solvents such as benzene, thinner, insecticide etc to clean the housing. Otherwise, it could not result fire and electrical shock but housing may be broken and injured. 8. Scratch or modify the scanner and bend, twist, pull or heat its interface cable. 9. Put heavy objects on interface cable. Do not stare the light source from the scanning window or do not point the scanning window at other people's eyes or eyesight may be damaged by direct exposure under the light.
🚫	Do not put the scanner on an unstable or inclined plane. The scanner may drop, creating injuries.
❗	Once the interface cable is damaged such as exposed or broken copper wires, stop using immediately and contact your dealer. Otherwise, it could result fire or electrical shock.

OUT OF THE BOX

2D Ring Barcode Scanner

Micro USB Cable

Quick Guide

Spare Velcro Strap

INTRODUCTION

- LED Indicator
- Micro USB port (with Protective Cover)
- Function Button (for Button Preference configuration)
- Exit Window
- Velcro Strap
- Touch-Activated Trigger Button

BUTTON PREFERENCE

Pressing on Funtion Button allows user to quickly configure preference for Touch-Activated Trigger Button, with the change of LED indicator color representing different configurations:

Red	= Enable Left Button Only (Right-handed User)
Blue	= Enable Right Button Only (Left-handed User)
Red + Blue	= Enable Both Buttons

GETTING STARTED

Clench your fist and use your thumb to tap the touch-activated trigger button. A gentle touch on the button will work; there is no need to press with force.

ATTENTION

1. It is recommended to dry both your hand and the Velcro strap to avoid the scanner being accidentally triggered by moisture.

2. The following gloves have been tested to be working with the touch-activated button: latex examination glove antistatic glove, white cotton glove (with or without latex coating), safety glove, and rubber glove. However, it is still recommended to operate with bare hand or thin glove to ensure the responsiveness of button.

3. Don't need to tighten Velcro strap too much. Just make the strap fit your finger so that the scanner will not easily move while being touched for trigger. We also suggest to release the strap from your finger for 1 minute after 2 hours of continuous use if your finger feels uncomfortable.

BEEPER INDICATION

Single beep	i. Good read on non-configuration barcode
	ii. Bad read on configuration barcode
Three beeps	Good read on configuration barcode
Four beeps	Power-up

SPECIFICATIONS

Light source	625nm visible red LED
Sensor	Area Image Sensor
Scan rate	60 frames/sec
Resolution	5mil
PCS	30%
Width of Field	131mm (13Mil Code39)
Depth of Field	5 Mil Code39: 40 - 130mm
	13 Mil UPC/EAN: 60 - 220mm
	6.67 Mil PDF417: 35 - 110mm
	10 Mil DataMatrix: 35 - 110mm
	15 Mil QR Code: 35 - 150mm
Dimension	W27.6 x L46.2 x H26.8 mm
Housing	PC+ABS
Connector	Micro USB
Interface	USB HID, USB VCP
Voltage	5VDC±5%
Working Current	< 300mA
Standby Current	< 15mA
Operating Temp.	-10 to 50°C (14°F to 122°F)
Storage Temp.	-20 to 65°C (-4°F to 149°F)
Ambient Light	100,000 lux
Drop Durability	1.5M
Sealing	IP42
Symbologies	all major 1D and 2D barcodes

STEP 1: Enter Setup

STEP 2: Scan Desired Setting

READING MODE

TRIGGER

CONTINUOUS

AUTO-SENSING

TERMINATOR

CR

CR + LF

SYMBOLOGIES

ENABLE ALL CODE

DISABLE ALL CODE

KEYBOARD LAYOUT

ENGLISH (USA)

ENGLISH (UK)

FRENCH

GERMAN / AUSTRIAN

ITALIAN

SPANISH

DANISH

PORTUGUESE

SWEDISH

NORWEGIAN

FINNISH

JAPANESE

BELGIAN

RUSSIAN

TURKISH_F

TURKISH_Q

INTER-CHARACTER DELAY

NO DELAY

SHORT DELAY (20mS)

LONG DELAY (40mS)

BEEP CONTROL

ENABLE POWER-UP BEEP

DISABLE POWER-UP BEEP

ENABLE GOOD READ BEEP

DISABLE GOOD READ BEEP

STEP 3: Exit Setup