

2D/HF HANDHELD BARCODE SCANNER

Quick Guide



2D/HF HANDHELD BARCODE SCANNER QUICK GUIDE (REV 1)
P/N: 8013-0088000

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 la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par les ministères 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 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.



Do Not

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.

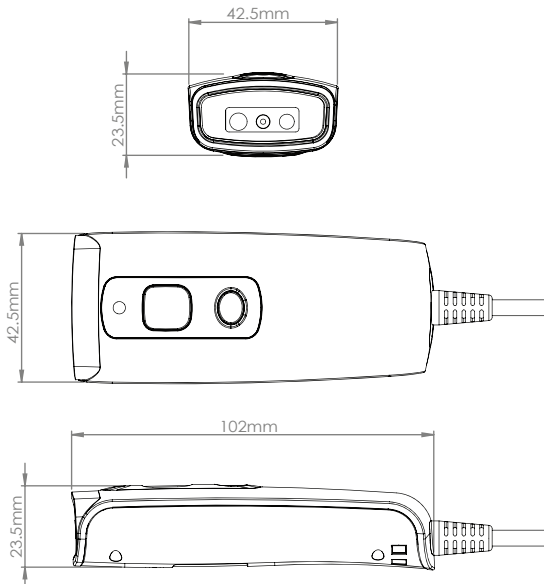


Do not put the scanner on an unstable or inclined plane. The scanner may drop, creating injuries.

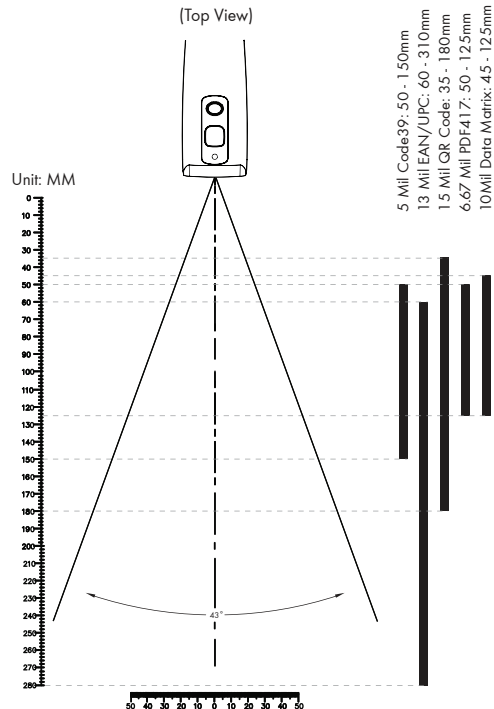


Once the interface cable is damaged such as exposed or broken copper wires, stop using immediately and contact your dealer. Otherwise, it could result fire or electrical shock.

DIMENSIONS



SCANNING RANGE



BEEPER INDICATION

- | | |
|-------------------|------------------|
| Single Long Beep | Power up |
| Single Short Beep | Good read |
| Two beeps | Successful setup |

LED INDICATION

- | | |
|-------|-------------------|
| Off | Power off/Standby |
| Red | Power up |
| Green | Good read |

GETTING STARTED

1. The scanner works like an USB keyboard. Make sure your host device supports USB keyboard before use.
2. Plug the scanner to the USB port of your host device. The scanner will emit three beeps at power-up.
3. The OS will automatically install USB driver for the scanner if it is connected to your host device for the first time. Wait until the installation finishes.
4. Open Notepad or any application that can accept keyboard input. Try scanning some random barcodes and the barcode data will be displayed.

SPECIFICATIONS

OPTIC & PERFORMANCE

- | | |
|-----------------------------|--|
| Light source | visible white LED, visible red LED |
| Sensor | 640 x 480 |
| Resolution | 3mil/ 0.075mm |
| Depth of Field (Guaranteed) | 5 Mil Code39: 50 - 150mm 13 Mil UPC/EAN: 60 - 310mm 15 Mil QR Code: 35 - 180mm |
| Symbologies | QR Code, PDF417, Aztec, DataMatrix, Dotcode and major 1D barcodes |

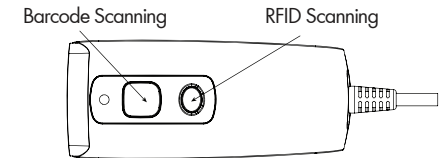
RFID PERFORMANCE

- | | |
|----------------------------|--|
| Frequency | 13.56MHz |
| Standards | ISO 15693, ISO 14443A/B, NFC |
| Reading Range (Guaranteed) | ISO 15693: 0 - 50mm ISO 14443: 0 - 25mm |

GENERAL SPECIFICATIONS

- | | |
|-----------------|-----------------------------|
| Dimension | L102 x W42.5 x H23.5 mm |
| Weight | 193g |
| Connector | USB Type A |
| Cable | 3M USB Coiled Cable |
| Interface | USB HID, USB VCP |
| Indicator | LED, Buzzer, Vibrator |
| Voltage | 5VDC±5% |
| Working Current | < 250mA |
| Standby Current | < 80mA |
| Operating Temp. | -10 to 50°C (14°F to 122°F) |
| Storage Temp. | -20 to 60°C (-4°F to 140°F) |
| Drop Durability | 1.5M |

BUTTON DEFINITION



GENERAL SETTINGS

DEFAULT



CHECK VERSION



RESET / ABORT



READING MODE

. F002\$



TRIGGER MODE

- * The LED will turn on when the trigger is pressed.
- * The LED will turn off when trigger is released.

. F007\$



AUTO SENSING MODE

- * The LED will automatically turn on when any image change is detected within the scanner's field of view.
- * When a barcode is successfully scanned or LED timeout (5 sec) expires, the LED turns off.
- * The trigger is unfunctional in Auto-Sensing Mode.

. F005\$



CONTINUOUS MODE

- * The LED will stay on.
- * The LED will turn off shortly after a barcode is successfully scanned and turn on again.
- * Trigger serves as toggle for scanning.

VIBRATOR

. D034\$



ON

. D035\$



OFF

BEEP TONE

. F019\$



BEEP HIGH

. F018\$



BEEP MEDIUM

. F022\$



BEEP LOW

. F012\$



BEEP OFF

INTERFACE

. C008\$



USB HID

. C006\$



USB VCP

CODE ID

. A009\$



DISABLE CODE ID

. A008\$



FACTORY ID ON

. A014\$



AIM ID ON

CAPSLOCK

. A005\$



CAPSLOCK OFF

. A004\$



CAPSLOCK ON

. A006\$



CAPSLOCK FREE

ENABLE SYMBOLOGIES

. G002\$



ENABLE ALL CODE

. G036\$



ENABLE ALL 1D CODE

. G038\$



ENABLE ALL 2D CODE

DISABLE SYMBOLOGIES

. A003\$



DISABLE ALL CODE

. G035\$



DISABLE ALL 1D CODE

. G037\$



DISABLE ALL 2D CODE

KEYBOARD LAYOUT

. C010\$



ENGLISH (USA)

. C009\$



JAPAN (106 key)

. C018\$



ENGLISH (UK)

. C025\$



CANADIAN (FRENCH)

. C012\$



FRENCH

. C034\$



CANADIAN (TRADITIONAL)

. C011\$



GERMAN

. C029\$



NORWEGIAN

. C014\$



ITALIAN

. C026\$



SWEDISH

. C013\$



SPANISH

. C031\$



PORTUGUESE

. C017\$



CZECH (QWERTY)

. C030\$



BELGIAN (AZERTY)

. C022\$



CZECH (QWERTZ)

. C028\$



DUTCH

. C021\$



HUNGARIAN (QWERTZ)

. C027\$



DANISH

. C024\$



HUNGARIAN (101 KEY)

. C032\$



SLOVAK

. C016\$



SWISS (GERMAN)

. C033\$



BRAZILIAN (PORTUGUESE)

. C023\$



SWISS (FRENCH)

. C015\$



ALT CODE