

2D HANDHELD BARCODE SCANNER

Quick Guide



2D HANDHELD BARCODE SCANNER QUICK GUIDE (REV2)
P/N: 8013-0070010

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 le 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



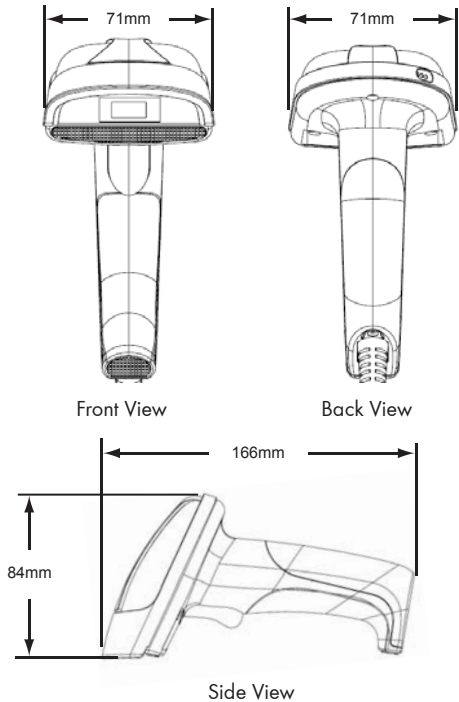
WARNING AND CAUTION

	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 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.
	Do Not 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.

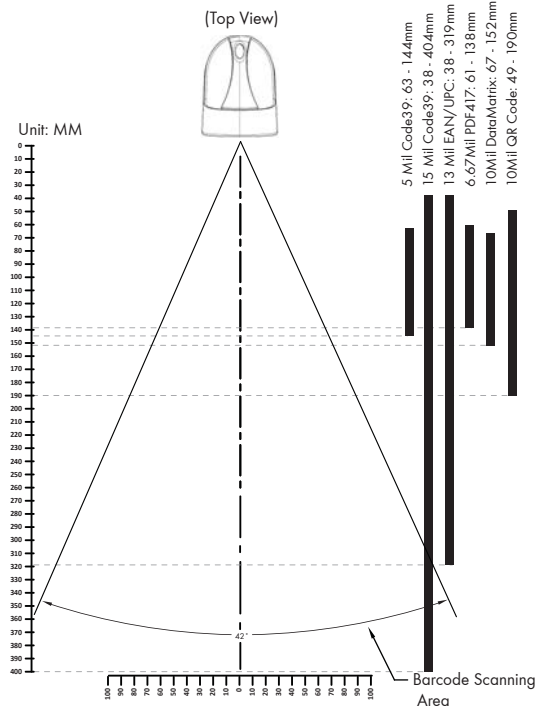
SPECIFICATIONS

Light source	White LED
Aimer	Red LED linear aimer
Scan rate	60 frames/sec
Resolution	4mil/ 0.1mm
PCS	30%
Width of Field	160mm (13Mil Code39)
Depth of Field (Guaranteed)	5 Mil Code39: 63 - 144mm 15 Mil Code39: 38 - 404mm 13 Mil UPC/EAN: 38 - 319mm 6.67 Mil PDF417: 61 - 138mm 10 Mil DataMatrix: 67 - 152mm 10 Mil QR Code: 49 - 190mm
Dimension	W71 x L166 x H84 mm
Housing	ABS
Weight	170g
Cable Length	210cm/82.7in (Fixed Cable)
Interface	USB HID
Voltage	5VDC±5%
Working Current	< 300mA
Standby Current	< 100mA
Operating Temp.	0 to 50 °C (32 °F to 122 °F)
Storage Temp.	-20 to 65 °C (-4 °F to 149 °F)
Ambient Light	100,000 lux
Drop Durability	1.5M
Symbologies	QR Code, Micro QR Code, DataMatrix, PDF417, Aztec and all major 1D barcodes

DIMENSIONS



SCANNING RANGE



BEEPER INDICATION

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

LED INDICATION

Off	Standby or No power
Blue	Power up or 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 one long beep 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.

GENERAL SETTINGS



READING MODE



CONTINUOUS MODE

- * LED is always on.
- * The trigger does not function in Continuous Mode.



FLASH MODE

- * The LED is on steady if a bar code is close to the scanner, but starts flashing if no bar code is detected after 60 seconds.
- * The trigger does not function in Flash Mode



TRIGGER MODE

- * The LED will light when the trigger is pressed.
- * The LED will go off when the trigger is released.



CONTINUOUS AUTO OFF

- * The LED is always on when the trigger is pressed.
- * The LED will go off if no bar code has been detected after 60 seconds.



TOGGLE MODE

- * This function works like Trigger Mode, but the scanner beeps to indicate a good read.



TEST MODE

- * Factory Scanability Test

BEEP MODE



NORMAL



MUTE

TERMINATOR



NONE



CR+LF



LF



TAB



CR



SPACE



ESC

ENABLE SYMBOLOGIES

* Below symbologies are disabled by default.
To enable, scan below configuration barcode.



ENABLE ALL CODE



ENABLE ALL 1D CODE



CODE 32



UK PLESSEY CODE



INDUSTRIAL 2 OF 5



MATRIX 2 OF 5



CODE 93



CODE 11



CHINA POSTAL CODE



ENABLE 1D INVERSE BARCODE



ENABLE 2D INVERSE BARCODE



ENABLE ALL 2D CODE



TELEPEN



MSI



IATA



GS1 Databar



GS1 Databar EXPANDED



GS1 Databar LIMITED



AZTEC



DISABLE 1D INVERSE BARCODE



DISABLE 2D INVERSE BARCODE

DISABLE SYMBOLOGIES

* Below symbologies are enabled by default.
To disable, scan below configuration barcode.



DISABLE ALL CODE



DISABLE ALL 1D CODE



INTERLEAVED 2 OF 5



CODE 128



CODABAR



EAN-128



CODE 39



QR CODE



DATA MATRIX



ENABLE MOBILE DISPLAY MODE



ENABLE QUICK SHOT MODE



DISABLE ALL 2D CODE



UPC-A



UPC-E



EAN-8



EAN-13



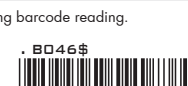
MICRO QR CODE



PDF417



DISABLE MOBILE DISPLAY MODE



DISABLE QUICK SHOT MODE

KEYBOARD LAYOUT



ENGLISH (USA)



ENGLISH (UK)



FRENCH



GERMAN



ITALIAN



SPANISH



CZECH (QWERTY)



CZECH (QWERTZ)



HUNGARIAN (QWERTZ)



HUNGARIAN (101 KEY)



SWISS (GERMAN)



SWISS (FRENCH)



JAPAN (106 key)



CANADIAN (FRENCH)



CANADIAN (TRADITIONAL)



NORWEGIAN



SWEDISH



PORTUGUESE



BELGIAN (AZERTY)



DUTCH



DANISH



SLOVAK



BRAZILIAN (PORTUGUESE)



ALT CODE

INVERSE VIDEO

MOBILE DISPLAY MODE

* Optimized for on-screen barcode reading.

QUICK SHOT MODE

* Optimized for moving barcode reading.