2D Handheld Barcode Scanner

Quick Guide

2D Handheld Barcode Scanner Quick Guide (Rev6)
P/N: 8013-0070050

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
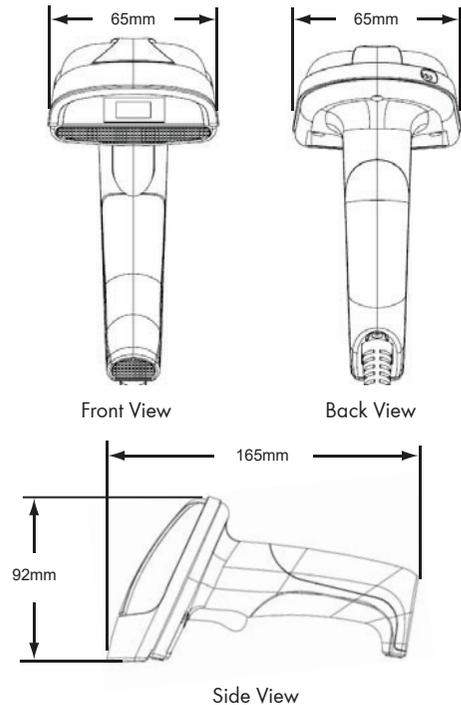
WARNING AND CAUTION

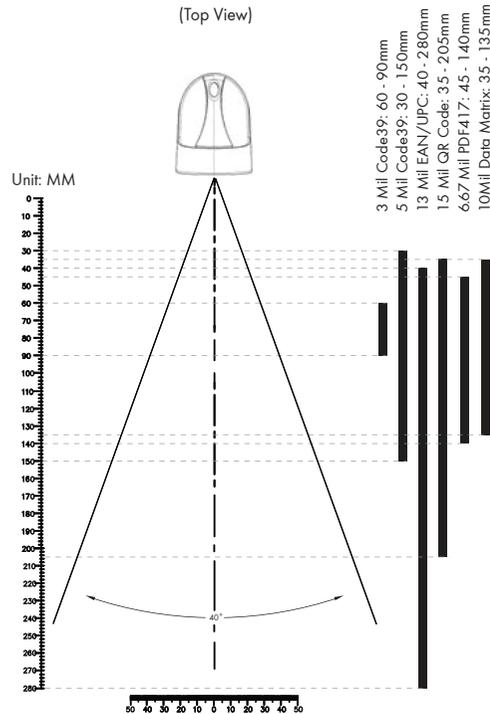|	
🚫	1. Take any metals into contact with the terminals in connectors. 2. Use the scanner where any inflammable gases.
❗	If following condition occur, immediately power off the host computer, disconnect the interface cable, and contact your nearest dealer. 1. Smoke, abnormal odors or noises come from 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.

SPECIFICATIONS

Light source	visible white LED, visible red LED
Sensor	1280 x 800
Scan rate	120 frames/sec
Resolution	3mil/ 0.075mm
PCS	20%
Depth of Field (Typical)	3 Mil Code39: 60 - 90mm
	5 Mil Code39: 30 - 150mm
	13 Mil UPC/EAN: 40 - 280mm
	15 Mil QR Code: 35 - 205mm
	6.67 Mil PDF417: 45 - 140mm
	10 Mil DataMatrix: 35 - 135mm
Dimension	L166 x W71 x H84 mm
Weight	170g
Connector	USB Type A
Cable	210cm/82.67in (Fixed)
Interface	USB HID, USB VCP
Indicator	LED, Buzzer
Voltage	5VDC±5%
Working Current	<370mA
Standby Current	<70mA
Operating Temp.	-20 to 50°C (-4°F to 122°F)
Storage Temp.	-40 to 60°C (-40°F to 140°F)
Ambient Light	70,000 lux (Sunlight)
Drop Durability	1.5M
Symbologies	QR Code, PDF417, MicroPDF417, Aztec, DataMatrix and major 1D barcodes

DIMENSIONS

65mm

Front View

65mm

Back View

165mm

92mm

Side View

SCANNING RANGE

(Top View)

Unit: MM

3 Mil Code39: 60 - 90mm
5 Mil Code39: 30 - 150mm
13 Mil EAN/UPC: 40 - 280mm
15 Mil QR Code: 35 - 205mm
6.67 Mil PDF417: 45 - 140mm
10Mil Data Matrix: 35 - 135mm

40°

BEEPER INDICATION

Single Beep	Good read
Two beeps	Successful setup
Three beeps	Power up

LED INDICATION

Green	Good read / Succesful setup

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 intall 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

DEFAULT

CHECK VERSION

BEEPER

GOOD READ BEEP ON

GOOD READ BEEP OFF

POWER UP BEEP ON

POWER UP BEEP OFF

CENTERING

CENTERING OFF

CENTERING ON

INTERFACE

USB HID

USB VCP

KEYBOARD LAYOUT

ENGLISH (USA)

ENGLISH (UK)

FRENCH

GERMAN

SPANISH

PORTUGUESE

ITALIAN

JAPANESE

SYMBOLOGIES

ENABLE ALL CODES

DISABLE ALL CODES

ENABLE ALL 1D CODES

DISABLE ALL 1D CODES

ENABLE ALL 2D CODES

DISABLE ALL 2D CODES

INVERSE BARCODE

DISABLE

ENABLE

UPPER / LOWER CASE

AS IS

ALL UPPER CASE

ALL LOWER CASE

INVERT CASE

USB TRANSMISSION SPEED

LOW

MEDIUM

HIGH