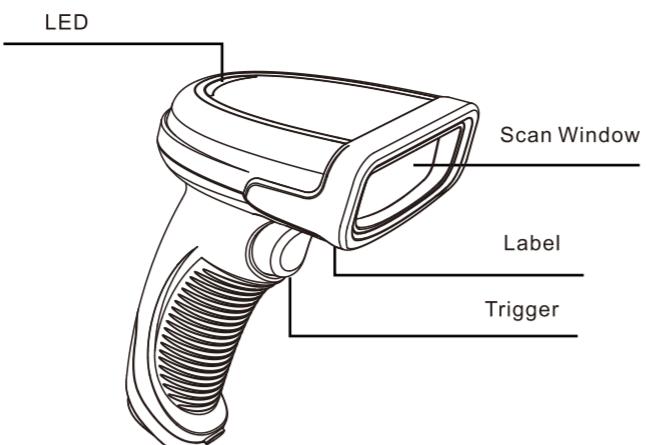


BSH-20B Wireless 2D Hand-held Scanner Quick Start



For the detailed user manual and additional information please visit: www.starmicronics.com/help-center/

V2.0



Good Read LED:
Red LED flashes slowly - Low battery alert.
Red LED on - Scanner is charging.
Red LED off and green LED on - Full charged
Blue LED flashes slowly - Paired but no connection established.
Blue LED on - Connection established.
Green LED flashes once - Good read.

1

2

3

Optimum Scanning

Barcode Programming

Barcode Programming

Barcode Programming

3. On a successful reading, there will be a beep sound, illumination & aiming patterns die out. The Scanner then transmits barcode data to the Host.



or



NOTE: Experiences tell a certain range of distances has higher successful reading rate. This range is the Optimum Reading Distance.

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Barcode Programming

Troubleshooting

CE/NOM

WEEE / UKCA

5. Scan Mode



【Continuous Mode】



【Level Mode】



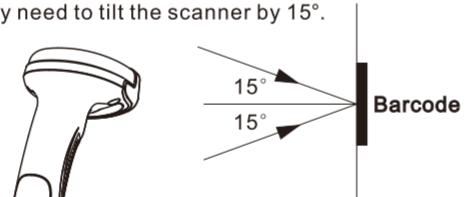
【Sense Mode】

When the scanner is not working, please:

1. Ensure that all cable connections are secure and that only the supplied cables are used.
2. Ensure that the barcode is not defaced. Wrinkled, soiled or torn barcodes might be unreadable.
3. Ensure that the barcode symbology is enabled.

If the problem still persists, please contact your dealer or Star Micronics.

When scanning barcodes on highly reflective surfaces, you may need to tilt the scanner by 15°.



Note:

In order not to affect battery life, we recommend that the scanner not be continuously plugged into a charger.

1. Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types).
2. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
3. Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
4. A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
5. Risk of fire or explosion if the battery is replaced by an incorrect type.

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FCC

Radio Frequency Interference Requirements

Radio Transmitters (Part 15)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.



FOR HOME OR OFFICE USE

FCCID:SL9BSH-20B

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

FCC/IC

Note
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 or more 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.

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IC Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

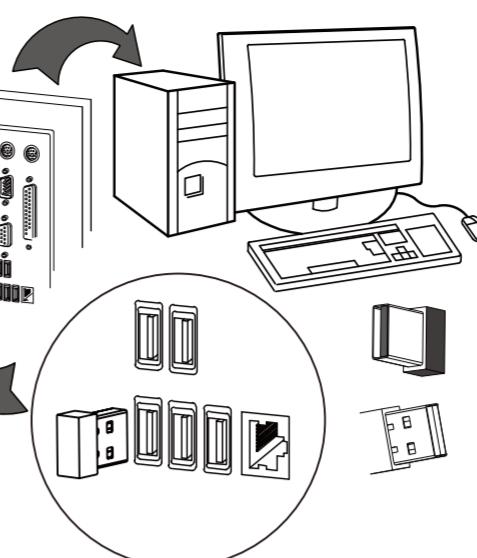
The device is compliant with RF field strength limits, users can obtain Canadian information on RF exposure and compliance.

Le présent appareil est conforme de ce matériel aux normes ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité d'acquérir les informations correspondante.

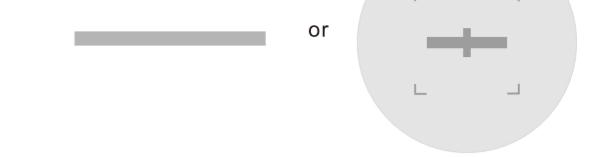
This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
CAN ICES-003 (B)/NMB-003(B)

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1. Press & hold Trigger, Illumination LED and Aiming LED cast an Illumination Pattern and an Aiming Pattern.



2. Keep Illumination Pattern in the center of a barcode. Zoom in and zoom out to allocate the Optimum Reading Stance.



4. Terminating Character Suffix



**** 【Enable Terminating Character Suffix】**



【Disable Terminating Character Suffix】



**** 【Terminating Character CR (0x0D)】**



【Terminating Character CRLF (0x0D, 0x0A)】

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CE/NOM



Marking and European Economic Area (EEA)

Statement of Compliance

We hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.;
This product max operating ambient temperate is 40 degree C.

--- Direct Current Symbol



La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada

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IC



RECYCLING:

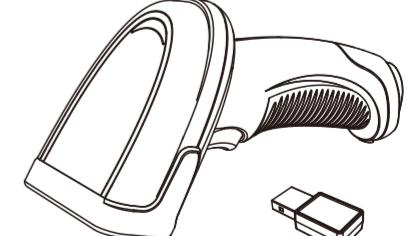
This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.



1) Bluetooth:
Maximum RF power: 6dBm.
frequency range: 2402-2480MHz

2) We hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Regulations 2017.

3) The full test of the UK declaration of conformity is available at the following internet address: www.starmicronics.com



BSH-20B Hand Held Barcode Scanner

Quick Start

BSH-20B BLK PN:37950940

BSH-20B WHT PN:37950950