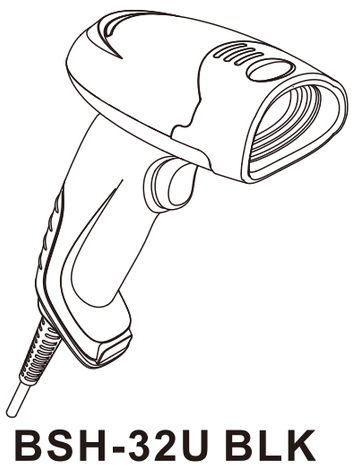


BSH-32U BLK

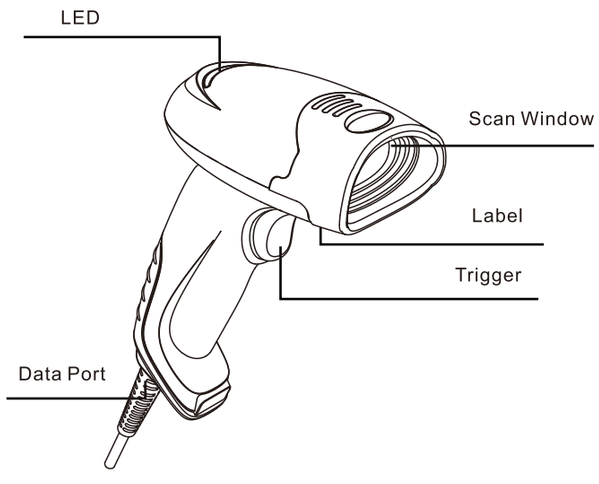
Hand Held Barcode Scanner

Quick Start

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

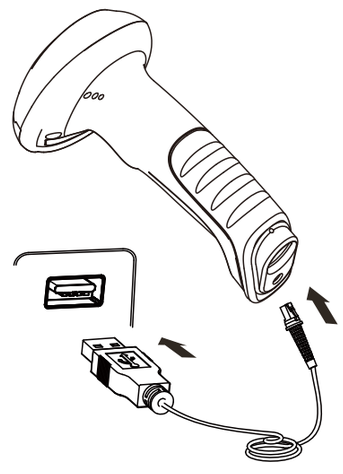
V3.0

Overview



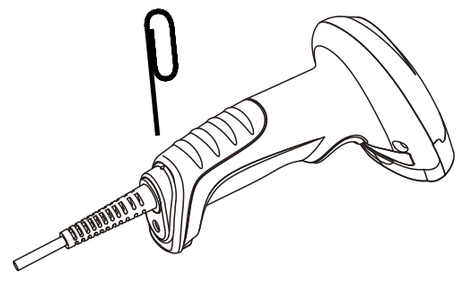
All pictures in this manual are for reference only and actual product may differ.

Communicate with the Host via USB



Note: The host refers to PC, POS or other terminal equipped with USB, RS-232 interface.

Remove Communication Cable

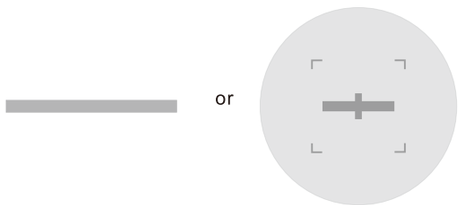


Get an appropriate needle or a straightened paperclip and follow the steps below:

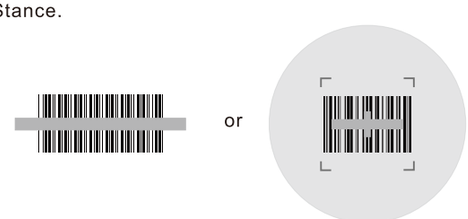
1. Insert the needle into the dismounting hole;
2. Pull out the cable slowly from the scanner while applying pressure on the needle;
3. Remove the needle;
4. Pull out the cable from the host.

Optimum Scanning

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

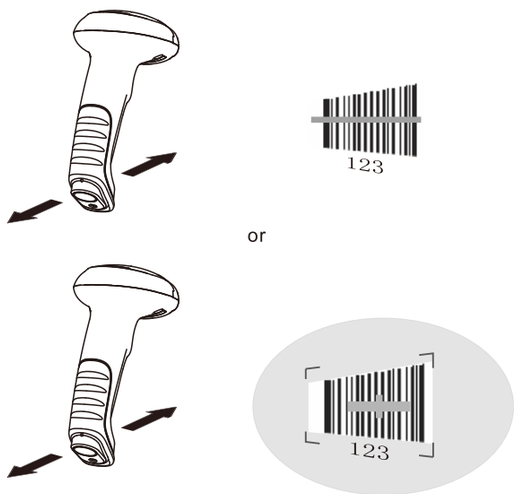


2. Keep Illumination Pattern in the center of a barcode Zoom in and zoom out to allocate the Optimum Reading Stance.



Optimum Scanning

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



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

Barcode Programming

1.Use of Programming Barcodes

@SETUPE1
** 【Enter Setup】

@SETUPE0
【Exit Setup】

2. Factory Defaults

@FACDEF
【Restore All Factory Defaults】

3.USB Interface

@INTERF8
【USB CDC】

@INTERF3
【USB HID Keyboard】

Barcode Programming

4. Terminating Character Suffix

@TSUENA1
** 【Enable Terminating Character Suffix】

@TSUENA0
【Disable Terminating Character Suffix】

@TSUSET0D
** 【Terminating Character CR (0x0D)】

@TSUSET0D0A
【Terminating Character CRLF (0x0D, 0x0A)】

Barcode Programming

5. Scan Mode

@SCNMOD3
【Continuous Mode】

@SCNMOD0
【Level Mode】

@SCNMOD2
【Sense Mode】

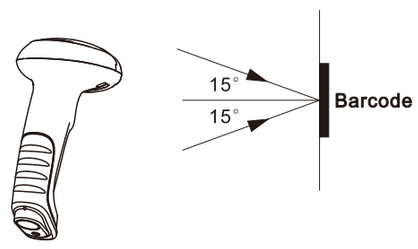
Troubleshooting

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°.



CE

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 60 degree C.

⎓ Direct Current Symbol

WEEE/ICES

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.

ICES(Canada)
CAN ICES-3(B)/NMB-3(B)

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.

Tested to comply with FCC Standards

FOR HOME OR OFFICE USE

FCC

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.

IC

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.

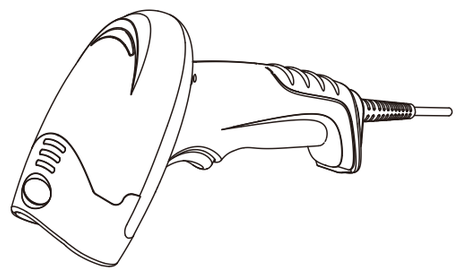
The device is compliance with RF field strength limits, users can obtain Canadian information on RF exposure and compliance.

Le présent appareil est conforme de ce matériel aux conformités 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)

PN



BSH-32U BLK

Hand Held Barcode Scanner

Quick Start

PN: 37950960