Reset Factory Defaults

To reset the scanner to factory defaults, scan the following bar code. This rebuilds the configuration file from program memory.

Reset Factory Defaults

Bluetooth Unpair

Scan the following bar code to unpair the scanner from the host.

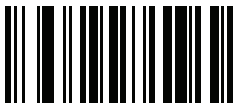
Unpair

Bluetooth Profile

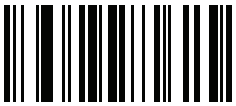
Scan a bar code below to select a Bluetooth profile:

- **Bluetooth HID Profile** - the scanner emulates a keyboard.
- **Bluetooth Serial Port Profile (SPP)** - the scanner emulates a serial connection.
- **Bluetooth SSI Profile** - the scanner uses SSI.
- **Bluetooth MFi SPP** - allows the scanner to connect to a serial port on iOS devices such as iPad and iPhone.
- **Bluetooth MFi SSI** - allows bi-directional (command and control) communication between the CS4070 and iOS devices.

Bluetooth Profile (continued)



***Bluetooth HID Profile**



Bluetooth SPP

Questwork Default

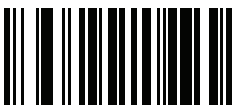
Bluetooth SSI Profile

Bluetooth MFi_SPP

Bluetooth MFi_SSI

Clear Data

Scan the following bar code to clear all batch bar code data on the scanner. This deletes the BarcodeFile.txt from the scanner.



Clear Data

Auto-reconnect

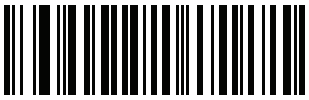
When auto-reconnect is enabled, the scanner automatically tries to reconnect to a remote device when a disconnection occurs that is due to the radio losing communication. This can happen if the scanner goes out of range with the remote device, or if the remote device powers down. The scanner tries to reconnect for the period of time specified by the *Connection Interval on page 3-11*. During that time the blue LED continues to blink.

If the auto-reconnect process fails due to page time-outs, the scanner sounds a timeout beep (long low/long high) and turns off the radio. To re-start the auto-reconnect process press the scan '+' or delete '-' key.

If the auto-reconnect process fails because the remote device rejects the connection attempt, the scanner sounds a connection reject beep sequence and deletes the remote pairing address. If this happens, you must scan a pairing bar code to attempt a new connection to the remote device.

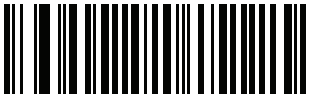
NOTE If you scan a bar code during the auto-reconnect sequence, the scanner emits a transmission error beep sequence and does not transmit the data to the host. Normal scanning operation resumes after re-establishing the connection. For error beep sequence definitions, see *Table 2-2 on page 2-5*.

Scan a bar code below to enable or disable automatic Bluetooth reconnection to the dongle or another device.



***Enable Auto-reconnect**

Questwork Default



Disable Auto-reconnect

HID Security

Parameter # 911

Scan one of the following bar codes to set HID security as follows:

- High - keyboard only, secure simple pairing capability (select this for iOS devices)
- Low - no input/no output, secure simple pairing capability (select this for Android devices)

NOTE Some devices do not allow a connection in HID mode if this is set to low.
Set security to low to connect to Android devices in HID mode without entering a PIN code.

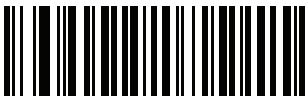
***HID Security High**
(2)

HID Security Low
(3)

Questwork Default

Radio Output Power

The CS4070 uses a Class 1 Bluetooth radio with a transmission range of up to 100m. To place the radio in a Class 2 operating mode to restrict the transmission range to 10m and reduce the effect of the radio on neighboring wireless systems, scan the **Bluetooth Class 2** bar code.



***Bluetooth Class 1**

Bluetooth Class 2

Questwork Default

General Decoder Modes and User Preferences

Hand-Held Trigger Mode

Parameter # 138

Select one of the following trigger modes for the scanner.

- **Standard (Level)** - A trigger press (i.e., (+) or (-) button) activates decode processing. Decode processing continues until the bar code decodes, you release the trigger, or the decode session times out.
- **Presentation (Blink)** - The scanner activates decode processing when it detects a bar code in its field of view. After a period of non-use, the scanner enters a low power mode, in which the LEDs turn off until the scanner senses motion.

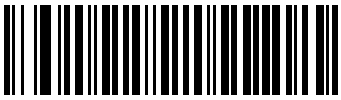
IMPORTANT Presentation (Blink) mode cannot be enabled if the scanner system is in either a Bluetooth SSI Profile mode or a Bluetooth MFi_SSI Profile mode. See *Bluetooth Profile on page 3-8*. The scanner sounds an error beep and leaves the Hand-Held Trigger Mode in its present state.

Likewise, if the Hand-Held Trigger Mode is set to Presentation (Blink) mode and you attempt to configure the scanner for Bluetooth SSI Profile or Bluetooth MFi_SSI Profile, the scanner sounds an error beep and leaves Hand-Held Trigger Mode set to Presentation (Blink) mode.

- **Auto Aim** - This trigger mode projects the aiming dot when you lift the scanner. A trigger press activates decode processing. After 2 seconds of inactivity the aiming dot shuts off.

***Level (Standard)**
(0)

Questwork Default



Presentation (Blink)
(7)

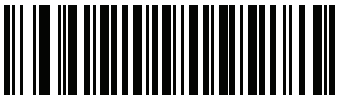
Auto Aim
(9)

Presentation Mode Field of View

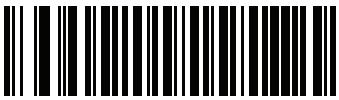
Parameter # 609

In presentation mode, by default the scanner searches the larger area of the aiming pattern (**Full Field of View**).

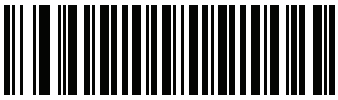
To search for a bar code in a smaller region around the aiming dot's center in order to speed search time, select **Small Field of View** or **Medium Field of View**.



Small Field of View
(0)



Medium Field of View
(1)



***Full Field of View**
(2)

Questwork Default

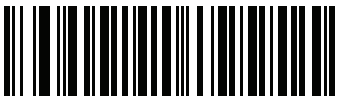
Low Light Scene Detection

Parameter # 810

This parameter allows the scanner to detect motion in dim to dark illumination environments when in presentation mode.

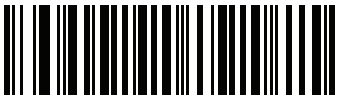
NOTE If both Low Light Scene Detection and *Decoding Illumination* are enabled, *Decoding Illumination* takes precedence.

- **No Low Light Scene Detection**: The scanner attempts to detect motion as best it can with the aim dot and illumination turned off when the scanner is idle.
- **Aiming Dot Low Light Assist Scene Detection**: Illumination is turned off, but the aim dot is turned on when the scanner is idle to assist in scene detection.
- **Dim Illumination Low Light Assist Scene Detection**: The aim dot is turned off, but illumination is turned on at a dim level to assist in scene detection.



***No Low Light Assist Scene Detection**
(0)

Aiming Dot Low Light Assist Scene Detection
(1)



Dim Illumination Low Light Assist Scene Detection
(2)

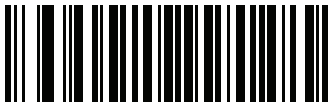
Questwork Default

Mirrored Image

Parameter # 624

Enable this to scan images in reverse, or mirrored, as if seen through a mirror. This mode is useful in applications requiring scanning through a mirror and using symbologies that do not decode in reverse.

***Disable Mirrored Image**
(0)



Enable Mirrored Image
(1)

Mobile Phone/Display Mode

Parameter # 716

This mode improves bar code reading performance with target bar codes displayed on mobile phones and electronic displays.

***Disable Mobile Phone/Display Mode**
(0)

Enable Mobile Phone/Display Mode
(3)

Questwork Default

Scan Data Transmission Format

Parameter # 235

To change the scan data format, scan one of the following eight bar codes corresponding to the desired format.

NOTE If using this parameter do not use ADF rules to set the prefix/suffix.

NOTE To append a carriage return to data, scan the **<data><suffix1>** bar code.

If *Bluetooth Profile on page 3-8* is set to **BT SPP** and you select **<data><suffix1>,** then set **Suffix=0x0A** in the **Config.ini** file to enable linefeed to move the cursor to the next line in a text file.

To set values for the prefix and/or suffix, see *Prefix/Suffix Values on page 3-34*.

***Data As Is**
(0)

<DATA> <SUFFIX 1>
(1)

Questwork Default

<DATA> <SUFFIX 2>
(2)

<DATA> <SUFFIX 1> <SUFFIX 2>
(3)

<PREFIX> <DATA >
(4)

APPENDIX F NUMERIC BAR CODES

Numeric Bar Codes

For parameters requiring specific numeric values, scan the appropriately numbered bar code(s).

0

1

2

3

Numeric Bar Codes (continued)

4

5

6

7

8

9

Cancel

To correct an error or change a selection, scan the bar code below.

Cancel