COMMAND BARCODES

2D/1D IMAGER MODEL - D740, S740, S840, S850

This document pertains to the following D740, S740, S840, S850:

Model	
D740	Construction Orange
D740	Safety Green
D740	Utility Gray

Model	
S740	Blue
S740	Green
S740	Red
S740	White
S740	Yellow

Model	
S840	Black
S850	Black

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INSTRUCTIONS: Scan command barcode(s) to quickly configure the barcode scanner.

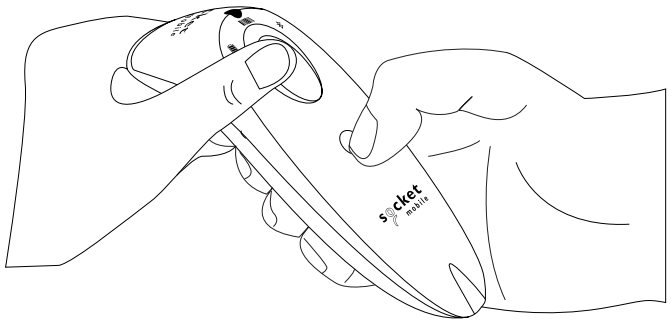
⚠ Many of the command barcodes only work with a scanner in a particular Bluetooth mode as indicated by the header row of each table.

Note: This procedure will put the scanner in discoverable mode.

Step 1: Unpairing the scanner: Delete the Bluetooth Pairing

ⓘ If the scanner is paired with a device, unpair it before trying to connect to a different device.

1. Power on the scanner.
2. Press and hold the scan button, then press and hold the power button.

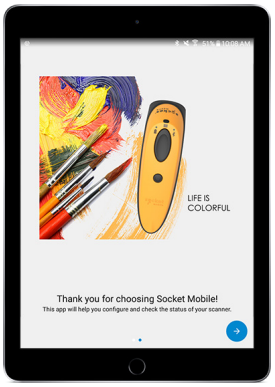


The scanner will unpair and automatically power off.
The next time you power on the scanner, it will be discoverable.

Step 2: Remove or forget the scanner from the Bluetooth list on the host device

⚠ **Important:** Both steps above must be done to complete the unpairing.

COMPANION APP



To assist in scanner setup & configuration. Download the Companion App for free!

Socket Mobile Companion App will help you configure and check the status of your Socket Mobile Barcode scanners.

- Easy to follow instructions for pairing scanners in Application Mode
- Verify scanner status
- Check warranty and register scanners

Learn more about Application Mode.

Download on the App Store

Scan this QR code with your mobile device to download our new app!

GET IT ON Google Play

Scan this QR code with your mobile device to download our new app!

FACTORY DEFAULTS

Factory Reset

Configures the scanner to revert all settings to factory defaults. The scanner will power off after scanning this barcode.

#FNB00F0#

BLUETOOTH CONNECTION MODE

Scan command barcode(s) to quickly configure the scanner. By default, the scanner is in Basic Mode (HID) as a Keyboard device.

Note: Disconnect scanner from host device before scanning a command barcode.

Basic Mode (HID) (default)

Made for iPod iPhone iPad **(All host devices)**

Configures the scanner to Human Interface Device (HID) mode. The scanner will be discoverable as a Keyboard to other Bluetooth devices.

#FNB00F40001#

Application Mode (MFi-SPP) for Apple Devices

Made for iPod iPhone iPad

Configures scanner to work with an application.

#FNB00F40002#

Application Mode (SPP) for Windows or Android 8.0 and later

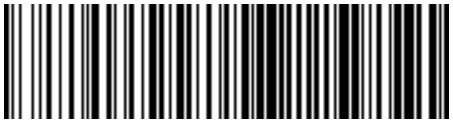
(Auto Connect - No configuration required for Application pairing)

*Configures scanner to Serial Port Profile.

#FNB00F40003#

Application Mode (SPP) for Windows or Android version 7.0 and lower

*Configures the Scanner to Serial Port Profile (SPP).



#FNB00F40000#

***For compatible applications developed with Socket Mobil SDK: socketmobile.com/partners/app**

You can configure the scanner to automatically add a suffix and/or prefix to each scan of data.

Note: Scanning multiple commands in a single instance will overwrite (not append) the previous command.

Suffix – Carriage Return (default)

Configures the scanner to add a carriage return after decoded data.

#FNB00F50BC6048FFEE1680DE040000#

Suffix – Tab

Configures the scanner to add a tab after decoded data

#FNB00F50FC60408FF9F00EE01EB0168090000#

Suffix – Carriage Return & Line Feed

Configures the scanner to add a carriage return and line feed after decoded data.

#FNB00F509C60408FFEE01EB010000#

Data As Is

Configures the scanner to return only the decoded data (i.e., no prefix or suffix).

#FNB00F509C60408FFEE01EB00000#

IMPORTANT! Make sure the scanner is not connected to a host computer before scanning a command barcode.

Vibrate "On"

Enables scanner to vibrate to indicate successful scan

#FNB01310001000100FA0000#

Vibrate "Off"

Disables scanner from vibrating to indicate successful scan

#FNB013100010000#

Beep "On"

Enables scanner to vibrate to indicate successful scan

#FNB01190E000100030078004B#

Beep "Off"

Disables scanner from beeping to indicate successful scans

#FNB01190E000100000078004B#

HID KEYBOARD LANGUAGE SETTINGS

Scan only with scanner in Basic Mode (HID).

Scan barcode to enable language.

English (Default)

#FNB01430001#

French

#FNB01430002#

German

#FNB01430003#

Spanish

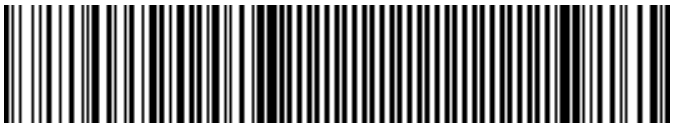
#FNB01430004#

APPLE iOS ONSCREEN KEYBOARD

Scan only with scanner in Basic Mode (HID).

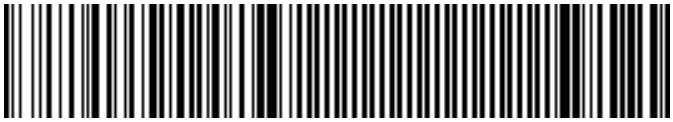
Apple iOS Onscreen Keyboard and Beep Enabled (Default)
Configures the scanner to activate the iOS onscreen keyboard when connected to an iOS device and the scanner power button is double-pressed.

Disable both Onscreen Keyboard and Beep



#FNB013A00000000000000000000000000000#

Enable Beep



#FNB013A05000000000000000000000000000#

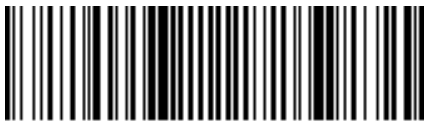
Disable Beep

#FNB013A01000000000000000000000000000#

Basic Mode (HID) Keyboard (default)

Changes a scanner in HID-Peripheral mode to HID-Keyboard mode.

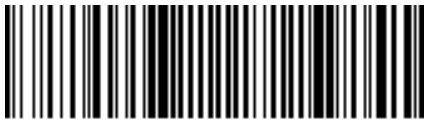
Required for Mac OS and Nokia E71, optional for Apple iOS.



#FNB0001000540#

Basic Mode (HID) Peripheral

Changes a scanner in HID-Keyboard mode to HID-Peripheral mode (optional for Windows and Android).



#FNB0001000500#

BLUETOOTH CONNECTION ROLES

Scan only with scanner in Application Mode (SPP) or Application Mode (MFi-SPP)
Advanced users only.

Acceptor (default)

Configures the scanner to accept a Bluetooth connection puts the scanner in discoverable mode.

#FNA#

Initiator

Configures the scanner to initiate a connection to a computer/device with the Bluetooth Device Address specified in the barcode.

The barcode must be formatted in Code 128 and contain the data #FNIaabbccddeeff# such that aabbccddeeff is the Bluetooth Device Address of the computer/device you want to connect to the scanner. Required for Windows when using SPP mode.

You must create a custom barcode for each computer/device that you want to connect to the scanner.

Use barcode generating software or website (e.g., http://barcode.tec-it.com))

DATA MODE - FOR SPP MODE ONLY

All Bluetooth Connection Modes OK.
Advanced users only.

Packet Mode (default)

Configures the scanner to transmit decoded data in packet format.

#FNB013401#

Raw Mode

Configures the scanner to transmit decoded data in raw (unpacketed) format. Do not scan this barcode in Application Mode (MFi-SPP).

#FNB013400#

AUTOMATIC RECONNECTION SETTINGS

All Bluetooth Connection Modes OK.

Important! After scanning this command barcode, power off and power on the scanner to make sure it is configured properly.

Enable Automatic Reconnection from scanner (default)

Configures the scanner to automatically initiate a connection to the last paired computer/device after the scanner is powered on.

#FNB012650#

Disable Automatic Reconnection from scanner

Configures the scanner to wait for a computer/device to initiate a Bluetooth connection after the scanner is powered on.

#FNB012610#

POWER BUTTON DOUBLE KEY PRESS

For Basic Mode (HID) only
Scanner Engine Command Barcodes

Ctrl + Z

Scan to Enable WITH BEEP

Scan to Enable NO BEEP

Ctrl + A

Scan to Enable WITH BEEP

Scan to Enable NO BEEP

Shift + Tab

Scan to Enable WITH BEEP

Scan to Enable NO BEEP

Ctrl + S

Scan to Enable WITH BEEP

Scan to Enable NO BEEP