Getting Started

The ION Bluetooth barcode scanner is preconfigured to be paired with the included cradle. To start using the scanner with a Windows PC, simply plug in the base and start scanning. If you are using your ION Bluetooth with a mobile device, use the instructions on the back of this guide to pair your scanner.

If barcodes are scanning incorrectly for your software after installing the scanner, you can use the configuration codes in this guide to change settings for popular symbologies or see the full user manual on pos-x.com for advanced configuration.

Sleep Settings

The sleep setting barcodes configure how long the scanner can be idle before powering off.

2 Minutes

*5 Minutes

Never

Power Off

Memory Mode

While in memory mode, the scanner will store all barcodes scanned until the "Transmit Stored Data" barcode is scanned.

Enter Memory Mode

Transmit Stored Data

Transmit Count of Stored Barcodes

Clear All Stored Data

Exit Memory Mode

Cradle Pairing

The ION 2D Bluetooth barcode scanner is preconfigured to be paired with the included cradle. If the scanner becomes unpaired use the instructions below to pair the scanner to the base.

After scanning each barcode, wait for the scanner to beep before scanning the next barcode.

1. Disconnect the cradle from your computer

2. Clear Previous Pair

3. Bluetooth SPP Mode

4. Cradle Pairing Mode

5. Connect the cradle to your computer

6. Pairing Mode

After successfully pairing, the scanner will beep and the LED will turn blue and stop flashing.

Bluetooth Device Pairing

To pair the scanner with an iOS, Android or Bluetooth device, use the barcodes below. When paired with an iOS device, quickly double press the trigger to toggle the on-screen keyboard.

If you have previously paired this scanner with this device, navigate to the Bluetooth settings and select "forget" for the scanner; before attempting to pair again.

1. Clear Previous Pair

2. HID Mode

3. Pairing Mode

4. Open the Bluetooth settings on your device and connect to the "Bluetooth Scanner."

After successfully pairing, the scanner will beep and the LED will turn blue and stop flashing.

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Scanner LEDs and Beep Codes

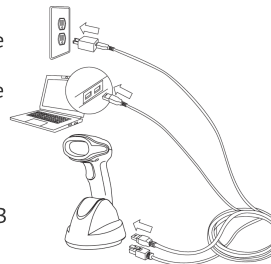|	
Blue LED Quickly Flashing	Pairing Mode
Red and **Blue** LED On	Power On Connected Ready to Scan
Orange LED Blinks 3x 4 Beeps	Low Battery
Green LED on	Charging
Orange LED Blinks 1x 1 Beep	Successful Scan
Orange LED Blinks 4x 4 Beeps	Out of Scan Range
Blue LED Slowly Flashing	Disconnected
Orange LED Blinks 2x 2 Beeps	Successful Scan in Memory Mode

Cradle LEDs

Blue LED quickly flashing	Pairing Mode
Red LED on	Power On
Green LED on	Charging
Blue LED slowly flashing	Disconnected
Blue LED on	Scanner Connected

Plugging in the Cradle

There are two cables included with the cradle. One provides communication with your PC, the other provides power to enable faster charging. Only the data cable is required when using the cradle with a computer.

1. Connect the RJ45-USB cable (*not the mini USB cable, marked "charging use"*) to the bottom of the cradle and your PC.
2. (OPTIONAL) Connect the cradle to a power outlet using the provided mini USB cable and wall adapter.

How to Program the Scanner

1. Scan the Start Configuration barcode.
2. Scan all necessary configuration codes to configure the scanner.
3. Scan the End Configuration barcode to save the changes.

NOTE: All settings marked with * are default settings.

Start Configuration

End Configuration

Resetting the Scanner

Scan the Default Settings barcode to reset the scanner back to the factory default settings.

Default Settings

Terminator Settings

A terminator is a command that is transmitted after the barcode is scanned. To set the terminator, scan one of the barcodes below.

*Carriage Return Terminator

Tab Terminator

No Terminator

Beep Settings

Disable

*Enable

UPC-A Settings

Truncate Leading Zero

The Truncate Leading Zero setting configures the scanner to not transmit the zero at the beginning of the barcode.

Enable

*Disable

Check Digit Send

The Check Digit setting configures the scanner to not transmit the last character of a barcode.

*Enable

Disable

UPC-E Settings

Truncate Leading Zero

The Truncate Leading Zero setting configures the scanner to not transmit the zero at the beginning of the barcode.

Enable

*Disable

Check Digit Send

The Check Digit setting configures the scanner to not transmit the last character of a barcode.

*Enable

Disable