

## Getting Started

The ION 2D 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 2D 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](http://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 pre-configured to be paired with the included cradle. If the scanner becomes unpaired use the instructions below to pair the scanner to the cradle.

Before pairing with the cradle, make sure the cradle is connected to your PC.

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

1. Clear Previous Pair



2. Bluetooth Cradle Mode



3. Cradle Pairing Mode



4. Scan pairing barcode on bottom of cradle

After successfully pairing, the scanner will beep twice 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.



ION 2D Bluetooth

## Scanner LEDs and Beep Codes

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

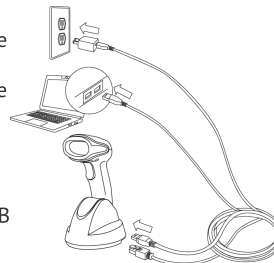
## Cradle LEDs

<b>Blue</b> LED quickly flashing	Pairing Mode
<b>Red</b> LED on	Power On
<b>Green</b> LED on	Charging
<b>Blue</b> LED slowly flashing	Disconnected
<b>Blue</b> 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

Scan the QR code next to the desired configuration setting. See the full user manual for additional program barcodes.

NOTE: All settings marked with \* are default settings.

## 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 the QR code for the desired terminator. To set a terminator for a single symbology, see the full user manual.

\*Carriage Return Terminator



Tab Terminator



No Terminator



## UPC-A Settings

Use one of the barcodes below to program how the scanner will transmit the leading 0 and last digit (check digit) for UPC-A barcodes.

Transmit Leading 0, Transmit Check Digit\*



Transmit Leading 0, No Check Digit



No Leading 0, No Check Digit



No Leading 0, Transmit Check Digit



## UPC-E Settings

Use one of the barcodes below to program how the scanner will transmit the leading digit and last digit (check digit) for UPC-E barcodes.

No Leading Digit, Transmit Check Digit\*



Transmit Leading Digit, No Check Digit



No Leading Digit, No Check Digit



Transmit Leading Digit Transmit Check Digit



Use the barcode below to program the scanner to expand UPC-E barcodes to UPC-A

Do Not Expand UPC-E to UPC-A\*



Expand UPC-E to UPC-A

