

# Eyoyo (EY-017P) Clip on Barcode Scanner Configuration for Bluetooth LE



[https://www.amazon.com/dp/B0B8CZ9PLP?psc=1&ref=ppx\\_yo2ov\\_dt\\_b\\_product\\_details](https://www.amazon.com/dp/B0B8CZ9PLP?psc=1&ref=ppx_yo2ov_dt_b_product_details)

**IMPORTANT:** Before proceeding if using Android, BCS App version 4.4.10 is required, for iOS, version 22.1.4 is required. You can find your software version in the BCS App, Settings, Device Info

**IMPORTANT:** Verify Bluetooth is turned on on your phone/tablet/device. Depending on you device software, you may also need Location to be turned on as well.

1. First turn the device on by momentarily pressing one of the scan buttons. Next reset the scanner back to factory defaults by scanning the following barcode



Restore Defaults

After scanning the 'Restore Defaults' barcode, the device goes to sleep, again press the scan button momentarily one more time, to wake up the scanner

2. Put scanner in Bluetooth BLE mode



Bluetooth BLE Pairing Mode

You will know if the scanner is in Bluetooth BLE mode by observing the flashes of the blue light on the back of the device, it should be 2 quick flashes, followed by a short pause. If not carefully repeat Step 1 & 2 again

3. The default settings of the Eyoyo EY-017P adds an extra carriage return character to all scanned barcodes, this will effectively make all ids appear to be fake.

Scan the following barcode to turn off this setting



To read barcodes from Id all that is needed is PDF417 and QR Codes. By default the Eyoyo scanner enables several 1D barcodes that can appear on Id and cause errors when they get scanned.

To avoid these unnecessary errors, turn off scanner recognition of for all barcode types except for PDF417 & QR Code with the following step

4. First scan the following barcode to turn off all 1D barcode formats (Note scanner will not beep after reading this code)



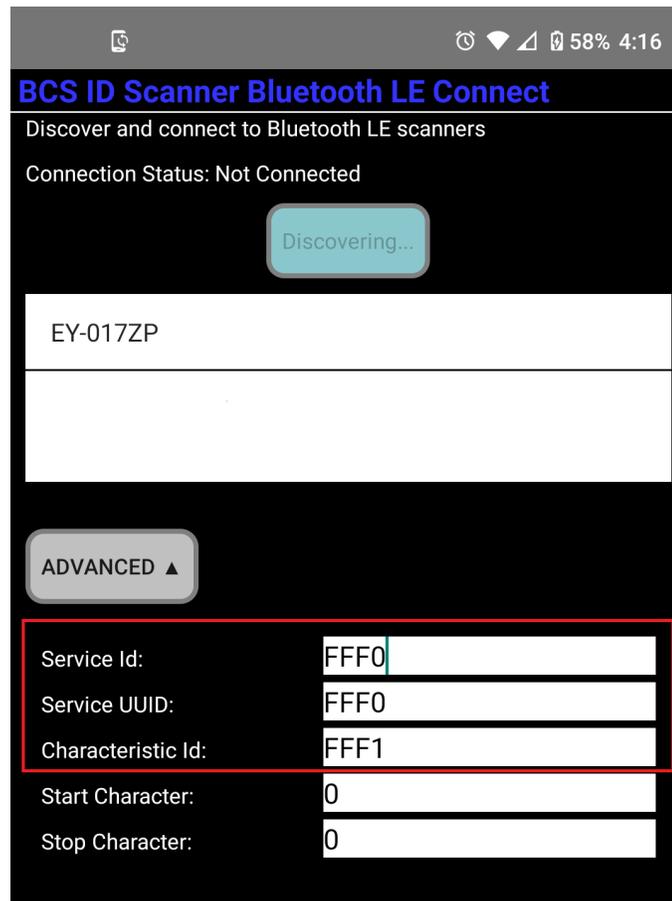
5. Next scan the following barcodes to enable QR Code and PDF417. (Note scanner will not beep after reading this code)



6. The Eyoyo scanner uses some different settings for Bluetooth Service and Characteristic ids the the defaults built into the BCS App these values need to be updated before the app is able to connect to this scanner

In the BCS App, click the 'Settings' button in the lower right corner of the main screen, and the 'Bluetooth Scanner' near the bottom of the list of items on the next screen.

The page that allows you to connect to the Bluetooth LE Scanner is displayed. Press the 'Advanced' button to show additional settings that need to be updated and set the additional fields to match the screen capture below.



7. Once the fields in the Advanced settings window are updated, press the Discovery button, and also press a scan button on the Eyoyo scanner to activate the scanner and make it available for connection.

After a short period of time the EY-017ZP device should show in the list, click on the list entry to connect to the scanner.

Once connected to the scanner, try scanning an Id barcode, and the app should report the scan and the number of characters in the barcode that was read.

At this point you can back out to the BCS App main screen and begin to scan barcodes with the Eyoyo scanner.

## Additional settings

we add to this section from time to time as customers inquire about different settings, and save the useful ones here

By default the Eyoyo scanner automatically powers off after 2 minutes of inactivity, after which time you will have to re-connect the scanner to the BCS Id Scanner app. You can extend the time before auto shut off, or disable auto shutoff entirely if you usage patterns warrant.

1. To adjust the power off delay scan one the following barcodes to best match your usage and needs. 30 minutes is a good compromise between battery life and needing to reconnect (this is the longest setting built into the Eyoyo scanner)



2. If you would rather have the device to never automatically turn off, scan the following barcode. Then at the end of the day, the next barcode can be used to shut down the barcode scanner to help save battery life.



3. To immediately shut down the barcode scanner

