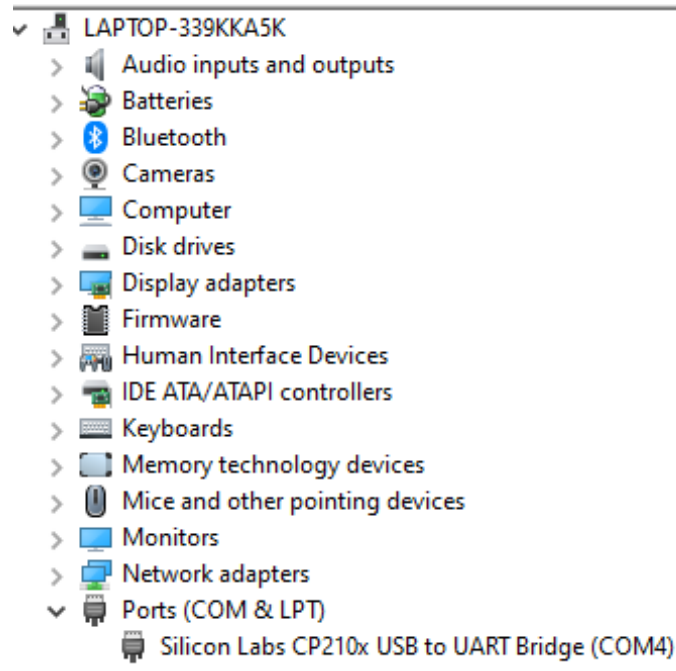# Darwin Tech LLC DTUSB5V1-BLE BLE Dongle User Guide

Windows X Installation Instructions:

1. Connect the Darwin Tech Dongle to an open USB port.
2. The Dongle firmware is automatically installed
3. Browse to the Device Manager and view "Ports (COM & LPT)
   a. You should see "Silicon Labs CP210x USB to UART Bridge (COMx)
   b. Take note of the port.

Note: This device is designed to be integrated into a system using the command instructions detailed in the documentation links below.

Documentation:
https://www.silabs.com/documents/public/quick-start-guides/qsg139-getting-started-with-bluetooth.pdf

https://www.silabs.com/documents/login/application-notes/an1042-bt-ncp-mode.pdf
https://www.silabs.com/documents/public/reference-manuals/bluetooth-api-reference.pdf

Additional Drivers:
For operating systems besides Windows X, see the link below.

https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

1. The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital

 device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference

in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions,

 may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to

try to correct the interference by one or more of the followingmeasures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the

 receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

FCC ID: 2AVD6-DONGLE

IC Caution:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference,

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class [B] digital apparatus complies with Canadian ICE-003.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe [B] est conforme àla norme NMB-003 du Canada.

L'appareil a étéévaluépourré pondre aux exigences générales d'exposition RF.

L'appareil peut être utilisédans des conditions d'exposition fixes / mobiles.