

Complete this checklist before shipping a CAN Logger 3 to a Customer

- [] Customer Name: _____ [] Date: _____
- [] Measure the resistance for the coin cell holder to be above 3.5Mohms.
- [] Measure Coin Cell voltage is above 2.7V.
- [] Assemble 3 screws inside and 4 screws outside.
- [] Download Firmware github.com/SystemsCyber/CAN-Logger-3/releases/ _____
Upload Firmware to Logger using Teensy.exe
- [] Remove SD card, connect logger to USB Serial and examine startup messages.
With SD card removed, the red LED flashes.
- [] Logger time from USB Serial is within 1 minute of actual PC time.
- [] Logger and PC timezone: MST (UTC-0700) or MDT (UTC-0600) or Other: _____
- [] Red LED stops flashing after inserting an SD card.
- [] Enter the VERSION command. Record the version number: _____
- [] Enter the serial command for the ID (ID CSUXX) where XX is the logger num.
- [] Device responds with Device ID: _____
- [] Unplug and replug the USB Serial and observe solid green LED.
- [] Logger Number Printed on the enclosure: _____
- [] The filename prefix matches the number printed on the enclosure.
- [] Connect Logger to live CAN bus. Observe Green and Yellow LED flickering.
- [] Record the ATECC608 SN: _____
- [] Record first digits of the IV: _____ If zeros, then no encryption.
- [] Press the left button (near green). Observe red LED slow flash.
- [] Double click left button (near green). Observe a new file was created.
- [] Previous file showed SIZE, BIN-SHA, TXT-SHA, and SIG.
- [] Note new filename from Serial console: _____
- [] Disconnect USB Power first, then disconnect 12V Power. Remove SD Card from
Logger, connect SD Card to computer.
- [] Open last file in hex editor (HxD) and calculate SHA-256: _____
- [] Eject SD Card, reinsert to Logger, connect USB Serial.
- [] Previous file meta data shows BIN-SHA matching calculated SHA.
- [] Format SD card (FORMAT). Confirm with LS A being empty.
- [] Reset Counter to zero (COUNT 0).
- [] Logger Device ID and Serial Number match on
<https://systemscyber.github.io/CAN-Logger-3/loggers.html>
- [] Include the 9-pin to Dsub-15 cable
- [] Checklist completed by: _____