

1 Complete this checklist before shipping a CAN Logger 3 to a Customer
2
3 [] Customer Name: _____ [] Date: _____
4
5 [] Measure the resistance for the coin cell holder to be above 3.5Mohms.
6
7 [] Measure Coin Cell voltage is above 2.7V.
8
9 [] Assemble 3 screws inside and 4 screws outside.
10
11 [] Download Firmware github.com/SystemsCyber/CAN-Logger-3/releases/ _____
12 Upload Firmware to Logger using Teensy.exe
13
14 [] Remove SD card, connect logger to USB Serial and examine startup messages.
15 With SD card removed, the red LED flashes.
16
17 [] Logger time from USB Serial is within 1 minute of actual PC time.
18
19 [] Logger and PC timezone: MST (UTC-0700) or MDT (UTC-0600) or Other: _____
20
21 [] Red LED stops flashing after inserting an SD card.
22
23 [] Enter the VERSION command. Record the version number: _____
24
25 [] Enter the serial command for the ID (ID CSUXX) where XX is the logger num.
26
27 [] Device responds with Device ID: _____
28
29 [] Unplug and replug the USB Serial and observe solid green LED.
30
31 [] Logger Number Printed on the enclosure: _____
32
33 [] The filename prefix matches the number printed on the enclosure.
34
35 [] Connect Logger to live CAN bus. Observe Green and Yellow LED flickering.
36
37 [] Record the ATECC608 SN: _____
38
39 [] Record first digits of the IV: _____ If zeros, then no encryption.
40
41 [] Press the left button (near green). Observe red LED slow flash.
42
43 [] Double click left button (near green). Observe a new file was created.
44
45 [] Previous file showed SIZE, BIN-SHA, TXT-SHA, and SIG.
46
47 [] Note new filename from Serial console: _____
48
49 [] Disconnect USB Power first, then disconnect 12V Power. Remove SD Card from
50 Logger, connect SD Card to computer.
51
52 [] Open last file in hex editor (HxD) and calculate SHA-256: _____
53
54 [] Eject SD Card, reinsert to Logger, connect USB Serial.
55
56 [] Previous file meta data shows BIN-SHA matching calculated SHA.
57
58 [] Format SD card (FORMAT). Confirm with LS A being empty.
59
60 [] Reset Counter to zero (COUNT 0).
61
62 [] Logger Device ID and Serial Number match on
63 <https://systems cyber.github.io/CAN-Logger-3/loggers.html>
64
65 [] Include the 9-pin to Dsub-15 cable
66

