

BCG Datalog App

Quick Start Guide

v.1.6



BCG Datalog Quick Guide (1/2)



1. Use BCG Android Demo Configuration Tool or manually configure the BCG Sensor Node (BSN) running mode, calibration, network settings etc.
 - use data logger mode for "raw" acceleration output (Hex format)
 - use BCG for BCG algorithm output
2. Make sure BSN and target device are connected to target network
3. Start BCG Datalog application
4. BCG Datalog will automatically search and connect to the first BSN found on target network (Option to "Cancel" if wrong network selected) and start displaying the sensor data on the screen (either raw or algorithm depending on BSN Running Mode)
5. Press "Start" to start logging to file

SCA11H configuration app

Bed sensor settings 1.

BCG Running Mode:
Data logger
BCG
Data logger

Signal high: 7000 Signal low: 270
Min amplitude: 5000 Typ amplitude: 1500
Scale: 7

BCG Datalog 3.

Wifi: Xberia Z5 Compact_e475
Connected to 192.168.43.202 BSN-98F1706CA4C0
Disconnect 4a.

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BCG Datalog

Wifi: Xberia Z5 Compact_e475
Connected to 192.168.43.202 BSN-98F1706CA4C0
Disconnect

2316,81,10,41,48,424,1,2551,0,0
2317,81,10,41,48,418,1,2551,0,0
2318,81,10,40,48,535,1,4493,0,0
2319,82,10,36,61,533,1,620,0,0
2320,82,10,36,61,519,1,620,0,0
2321,82,10,36,98,470,1,1398,0,0
2322,82,10,36,98,388,1,1398,0,0
2323,82,10,35,98,552,1,2654,0,0
2324,82,10,35,118,846,1,1197,0,0
2325,83,10,31,64,868,1,625,647,0
2326,85,10,42,63,2848,1,540,0,0

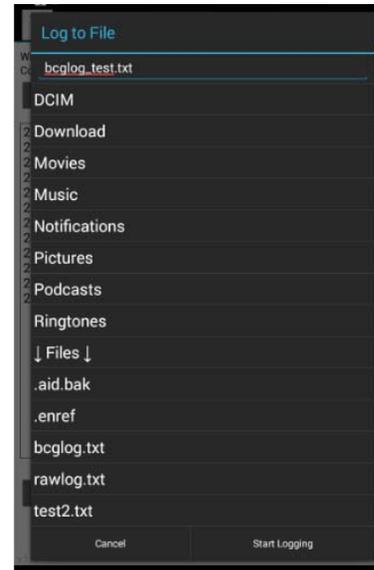
Start 5.

4b.

BCG Datalog Quick Guide (2/2)

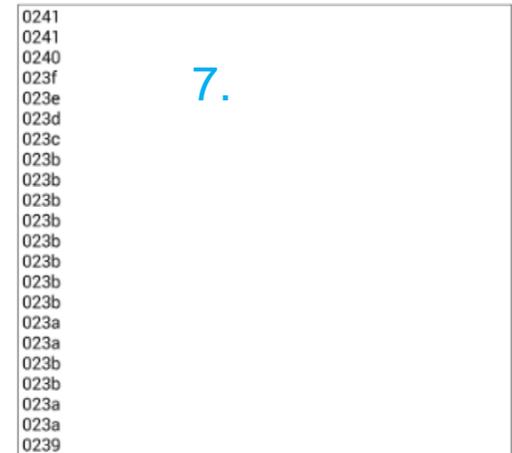


- 6. Enter file name and location for logfile
- 7. Press "Start Logging", logging to file will start
- 8. Current file size is visible, press "Stop" to stop logging



6.

Wifi: Xperia Z5 Compact_e475
Connected to 192.168.43.202
BSN-98F1706CA4C0
Disconnect



Note: selecting existing file in 6. will not "append" but "overwrite" file, i.e old data will be lost

Note: data output in Raw/Logger mode is ~20Mb/hr

