Caveatron Hardware Version Number Description
2018-03-07

Format: A 12 character code representing the specific hardware components in the system

Character #	Value Range	Description
1	0-9	SD Card Data Storage
2	0-9	Display
3	0-9	Font/Graphics Storage
4	0-9	Laser Rangefinder
5	0-9	Compass
6	0-9	IMU/Gyro
7	0-9	Battery
8	0-9	Battery Gauge
9	0-9	Clock
10	0-9	Piezo Buzzer
11	0-9	Future Use

SD Card Data Storage
1 = SPI Mode SD Card on Arduino Due

Display
1 = Original Coldtears 3.5" 480x320 LCD using UTFT_CTE font library
2 = Updated Coldtears 3.5" 480x320 LCD with new Font IC using UTFT_GHL font library

Laser Rangefinder
0 = Uni-T UT390B early version with verbose output
1 = Uni-T UT390B normal version
2 = JRT 100 m Laser distance module

Compass
1 = LSM303DLM or LSM303DLHC
2 = LSM303D

IMU/Gyro
0 = None

Battery
1 = 4400 mAh/5200 mAh 3.7V Li-Ion

Battery Gauge
1 = MAX17043 LiPo Fuel Gauge
2 = Sparkfun LiPo Battery Manager

Clock
1 = DS3231 RTC

Piezo Buzzer
1 = 1-3V directly driven Piezo Buzzer