


Table 1

Main			
Image			display/select current image from current group of available images
Speed (mph/rps)	99.9	99.99	(divide rps by 100 to display. multiply that by 5 for rpm). update values a few times per second.
Battery %	99	99	
Images			
Image	X		to be defined - ways to group and manipulate images
Download	X		to be defined - some way to initiate a download for selected or all images
Settings			if side-by-side entry fields aren't good, make them vertical.
Test	X		on or off - maybe bigger button
Brightness	9	9	(select value 0-31)
Led-pitch	9		(select value, either 3 or 4)
Threshold (on/off)	99.99	99.99	(stored value is in 1/100 rps)
Timeout (s)	9999		
Status			display-only screen, auto-updates a few times per second
Firmware	X.X.X		
Hardware	xxxxxxxxx		
Serial-#	xxxxxxxxx		
Battery			
%-charge	99	99	
Time	h:mm:ss	h:mm:ss	
mAh	9999	9999	
Temp (c)	99.9	99.9	
Current	99.999	99.999	(divide by 1000)
Avg curr	99.999	99.999	
Voltage	99.9	99.9	
IMU (x/y/z)	999999	999999	
	999999	999999	
	999999	999999	
ALU (e/v)	999	999	Ambient light level in Lux - huge dynamic range. Present as two numbers, the 3digit exponent, then the value. We'll probably just use exponent for decisions.
	9999999	9999999	