M365 dashboard
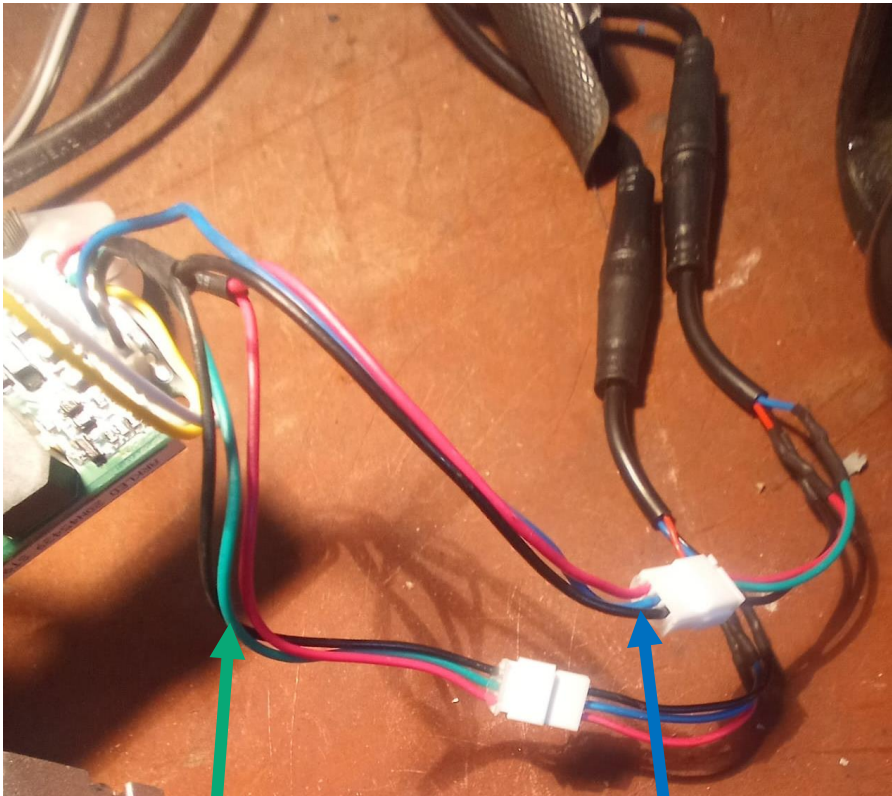

Button short press: switch modes
Button long press: switch light
Button very long press: switch off

Blue wire: Brake

Green wire: Throttle

EBiCS

Pin labels (STM32F103C6Tx LQFP48):

- Brakelight — PB9
- Dashboard button — PB8
- USART1_RX — PB7
- USART1_TX — PB6
- Power enable — PB5
- SYS_JTCK-SWCLK — PA14
- SYS_JTMS-SWDIO — PA13
- TIM1_CH3 — PA10
- TIM1_CH2 — PA9
- TIM1_CH1 — PA8
- TIM1_CH3N — PB15
- TIM1_CH2N — PB14
- TIM1_CH1N — PB13
- TIM1_BKIN — PB12
- SA Hall 1 — PA0
- SB Hall 2 — PA1
- SC Hall 3 — PA2
- Headlight — PA3
- Phase Current1 — PA4
- Phase Current 2 — PA5
- Phase Current 3 — PA6
- BatteryVoltage — PA7
- LED — PB2
- UART3 single wire — PB10

Bird specific functions