

- Respond to IHU/ACK commands
- Send data from other modules
- Signal main thread w/ commands

Signals Main Thread

- Receive signals from UART
- Wake up Camera Thread
- Initiate data transfer

Wakeup

Idle Thread

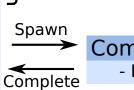
- Spawned on sysInit()
- Sets low power state

Camera Thread

IHU Command

Image Complete JPEG Data

- Receive signals from Main
- Initialize camera
- Read pixels & convert to JPEG
- Signal Main when complete then sleep



Image

Complete

Compressor Thread

- Process Blocks