# XXcontrollerV1.6i Menu Structure

| Menu Levels | | Value | Notes |
|---|---|---|---|
| CoPTer | | QUAD+ | Read-only node |
| | Sw-Ver | V1.6j | may also include features |
| | | | |
| SETup | | | |
| | TxStick | | |
| |    Calibrate | | Set Centres + Collective |
| |    R&P-Rate | 40.0% | Roll & Pitch TxStick Rate |
| |    Yaw-Rate | same as R&P-Rate | |
| |    Arming | | |
| |       Point | 25 | Arming (Yaw) Point |
| |       Side | Left | Left/Right |
| |       Delay | 1.5 Seconds | in ½Seconds |
| | | | |
| | SENsors | | |
| |    Roll | | |
| |       GainP | 40% | PID P-Term (Gyro Gain) |
| |       GainI | 40% | PID I-Term (Long-term) |
| |    Pitch/Yaw same as Roll | | |
| |    Acc-Gain | 40% | Accel Stable Gain |
| |    Calibrate | | |
| |       Cal-G | 9760 | Gyro Calibration number |
| |       Cal-A | 115 | Accel Calibration number |
| | | | |
| | CamServos | | Camera Gimbal Servos |
| |    Servo1 | | |
| |       Axis | Roll | linked to Axis |
| |       Dir | Normal | direction |
| |       Gain | 30% | relative movement |
| |       Trim | 0 | trim adjustment |
| |    Servo2 | same as Servo1 | |
| | LVA | | Low Voltage Alarm |
| |    Setup | Off | Off, Buzzer, LED lights |
| |    Calibrate | 12.6V | Current Voltage |
| |    LowBatt | 10.5V | Alarm Voltage |
| | Auto-Disarm | Disabled | Disarm after >2mins 0 Collective |
| | | | |
| DIAGnostics | | | Read-only node |
| | SENsors | | |
| |    Roll | 550 − 545 = 5 | ADC − Offset = Nett |
| |    Pitch/Yaw/etc  same as Roll | | |
| | Rx | | |
| |    Roll | 1542uS [ +4] | Pulse [Relative Level] |
| |    Pitch/Coll/Yaw | same as Roll | |
| |    Aux | 1002uS [Acro] | Fly Mode |
| | | | |
| | Motor | | Motors dependent on config |
| |    M1:Front | 45 | Motor output 0->250 |
| |    M2:Left | 43 | |
| |    M3:Right | 46 | |
| |    M4:Back | 44 | |
| | LoopRate | 293Hz | current rate |
| | | | |
| ReSeT | | | |
| | Eeprom | No/Done ! | Resets eeProm back to default |