12 Connectors

Connector 1 – Power/control
1 RED   - 6-28V DC in.
2 YELLOW - Record In
3 BLUE   - Record Stop IN
4 GREEN   - Input 3
5 ORANGE - REC OUT – 300mA
6 BLACK   - Power Ground

Connector 2 - Other Digital
1 ORANGE - GPS Power Out
2 YELLOW - RS232 TX
3 GREEN   - RS232 RX
4 BLUE   - UART BOOT enable
5 xxx   - Unconnected
6 xxx   - Unconnected
7 PINK   - Battery
8 BLACK   - Power Ground

Connector 3 - Network:
1 PINK   - PWR_5V0 Out
2 ORANGE - PWR_3V3 Out
3 YELLOW   - TXD+
4 VIOLET   - TXD-
5 BLUE   - RXD+
6 GREEN   - RXD
7 BLACK   - Power Ground

USB – Miniature USB type.
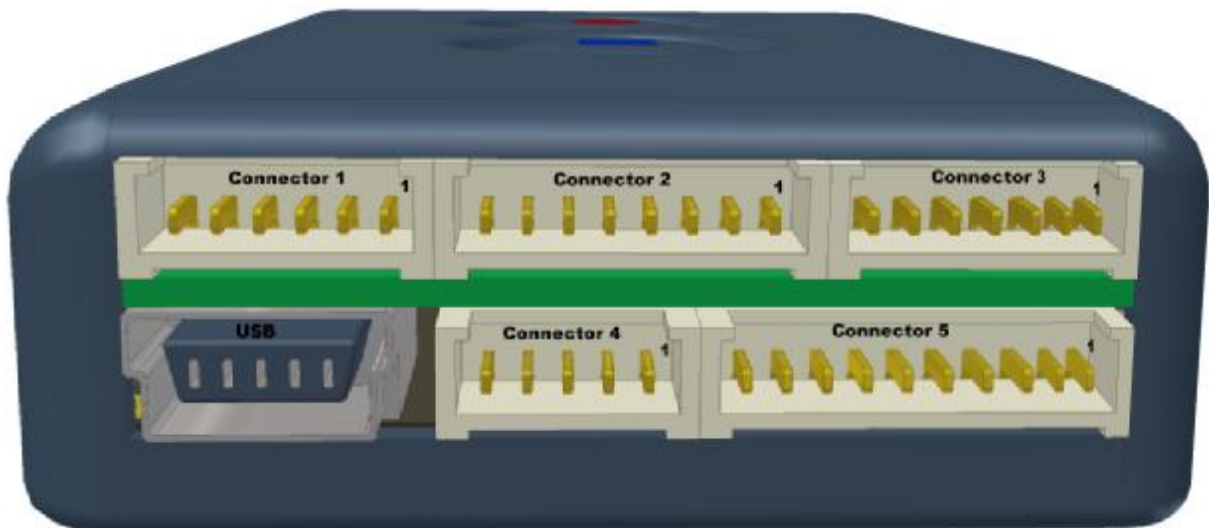1 Spare
2 USB DM
3 USB DP
4 USB Power
5 USB Ground

Connector 4 – Audi/Video Output.
1 VIOLET   - Video Out (Composite)
2 BROWN   - Video Ground
3 WHITE   - Audio Out Left
4 YELLOW - Audio Out Right
5 GREY   - Audio Ground

Connector 5 – Audio/Video In.
1 BLUE   - Video In / S-Video Y
2 GREEN   - S-Video C
3 BROWN   -Video Ground
4 ORANGE - CAM PWR OUT
5 BLACK   - Power Ground
6 PINK   - Mic Bias L
7 WHITE   - Audio Left
8 PINK   - Mic Bias R
9 YELLOW - Audio Right
10 GREY   - Audio Ground

Notes: Network TXD+-,RXD+- must be connected to a network through an isolating transformer only.

RECORD and RECORD STOP are active LOW signals, pulled high to 3.3V by 10K resistors. External switches should connect these signals to GROUND to be active.

CAUTION: Take care not to incorrectly plug a smaller connector into a larger socket. Connector1 in particular, should not be indivertibly plugged into Socket 3.