



9 pin RS-323

3 pin RS-232

Servo Header
(Normally Unused
by FIRST)

Mode Header (Normally Open)

Programming Header
(Normally Open)

User Input

Oscillator Connect
(Normally
Jumpered)

TTL Port
(Normally
Unused)

Camera
Assembly

Control Board

External Power To Servos
(Normally Open)

User Input
Switch

Camera
Module

Power In From
RC PWM Header

Internal Power to Servos
(Normally Jumpered)

Power Switch

Video
Header

NTSC Video Out
Video Ground

Rx In
+5v Out
Tx Out
Ground

W-Tx Out
R-Rx In
B-Ground

Servo 5
Servo 4
Servo 3
Servo 2 (TI 4)
Servo 1 (Pan)

B-Ground
R-Voltage
W-PWM

Tilt Reverse
Pan Reverse
Slave Mode
Baud Rate 0
Baud Rate 1
Baud Rate 2

Ground
+5v
OSC2
OSC1

I/O 3
I/O 2
I/O 1
I/O 0
+5v
Ground