

Lion Robot Configuration

Expansion Hub Portal 1 (DQ17I2QP)

Table 1: Expansion Hub 2

Class	Port	Type	Name
Motors	0	Rev Robotics HD Hex	front left
Motors	1	Rev Robotics HD Hex	front right
Motors	2	Rev Robotics HD Hex	back right
Motors	3	Rev Robotics HD Hex	back left
Servos	0	Servo	tail
Servos	3	Servo	beam swivel
Servos	5	Servo	beam claw
Analog Input Devices	0	Analog Input	starboard bow ir range
Analog Input Devices	1	Analog Input	starboard aft ir range
Analog Input Devices	2	Analog Input	port bow ir range
Analog Input Devices	3	Analog Input	port aft ir range
I2C Bus 0	0	REV Expansion Hub IMU	imu 0
I2C Bus 1	0	MR Range Sensor	starboard mr range
I2C Bus 2	0	MR Range Sensor	port mr range
I2C Bus 3	0	Rev Color/Range Sensor	rev color range

Table 2: Expansion Hub 3

Class	Port	Type	Name
Motors	2	Rev Robotics HD Hex	beam drive
Motors	3	Rev Robotics HD Hex	claw lift
Servos	0	Servo	port claw
Servos	5	Servo	starboard claw
I2C Bus 0	0	REV Expansion Hub IMU	imu 1