

IR Launcher				
Item #	Item	Cost	Qty	total
1	MP3 Serial 5v music player	\$4.00	1	\$4.00
2	IR wireless remote control	\$7.00	1	\$7.00
3	4 Ohm Speaker 3w	\$5.00	1	\$5.00
4	DC 5v 2channel Amp	\$3.75	1	\$3.75
7	Arduino Nano V3.0	\$4.23	1	\$4.23
6	16gb micro SD card	\$4.00	1	\$4.00
7	Compression Spring Oxide Finish	\$1.00	1	\$1.00
8	3d Print filament PLA+	\$25.00	1	\$25.00
9	High Carbon Steel Wire	\$7.00	0.2	\$1.40
12	JST Plugs	\$3.00	1	\$3.00
11	Ribbon Cables/Silicon Wiring	\$7.00	1	\$7.00
12	4-40x1/2 Button head socket cap screws Pack of 50	\$4.20	1	\$4.20
13	DC to DC 5v Buck converter	\$1.83	1	\$1.83
14	Stainless 4-40 Hex Nut, Stainless Steel 18-8, Machine Thread (qty 5)	\$1.00	1	\$1.00
15	1N4148 diode	\$0.60	1	\$0.60
16	BC33716TA Transistor	\$0.29	1	\$0.29
17	TSAL6100 IR LED	\$0.49	1	\$0.49
18	TSSP58038 IR Sensor	\$0.74	1	\$0.74
19	Matrix Mosquito 100 Round "No Reset"40mm Airsoft Gas Launcher Grenade	\$30.00	1	\$30.00
20	Perfect Airsoft Adapter Set for Green Gas Canisters	\$25.19	1	\$25.19
21	OdiySurveil (TM) XV-152-1C25 Hinge Lever Type Miniature Micro Switch(\$1.65	1	\$1.65
22	ESUPPORT 12V 20A Red Cover Rocker Toggle Switch SPST ON/Off	\$2.00	1	\$2.00
23	ABS Pipe 2' 2"	\$4.00	1	\$3.58
24	ABS Pipe 1-1/2" x 2'	\$2.58	1	\$2.58
25	ABS hub Hub coupling	\$0.99	2	\$1.98
26	108mm focal length lens	\$10.50	1	\$10.50
27	ABS Reducing Coupling	\$3.00	1	\$3.00
28	Aluminum slider	\$1.00	1	\$1.00
29	ABS hub Hub coupling	\$0.99	1	\$0.99
30	Green Spray Paint	\$4.50	1	\$4.50
31	Primer	\$4.50	1	\$4.50
32	Clear Coat	\$4.50	1	\$4.50
			Subtotal	\$170.50
			Tax	\$15.00
			Total Parts	\$185.50

IR Receiver				
Item #	Item	Cost	Qty	total
1	12LED RGB Neopixel	\$3.00	2	\$6.00
2	7.2v Battery 3000 Mah	\$14.50	1	\$14.50
3	4 Ohm Speaker 3w	\$5.00	1	\$5.00
4	DC 5v 2channel Amp	\$3.75	1	\$3.75
5	MP3 Serial 5v music player	\$4.00	1	\$4.00
6	Wingoneer 5v Relay	\$4.50	1	\$4.50
7	Arduino Nano V3.0	\$4.23	1	\$4.23
8	Ribbon Cables/Silicon Wiring	\$7.00	1	\$7.00
9	16gb micro SD card	\$4.00	1	\$4.00
10	3d Print filament PLA+	\$25.00	1	\$25.00
11	Reset Switch 1p2T SPDT	\$0.40	1	\$0.40
12	JST Plugs	\$3.00	1	\$3.00
13	4-40x1/2 Button head socket cap screws Pack of 50	\$2.00	1	\$2.00
14	DC to DC 5v Buck converter	\$1.83	1	\$1.83
15	Hobbypower JST Connector 2 Pin with Silicone Wire Cable 150mm (qty 5)	\$3.50	1	\$3.50
16	Stainless 4-40 Hex Nut, Stainless Steel 18-8, Machine Thread (qty 5)	\$1.00	1	\$1.00
17	Alligator clips qty. 2x	\$0.70	1	\$0.70
18	TSSP58038 IR Sensor	\$0.74	3	\$2.22
19	4.7uF 100V Electrolytic Non-Polarized Crossover Capacitor	\$0.38	1	\$0.38
			Subtotal	\$93.01
			Tax	\$8.18
			Total	\$101.19