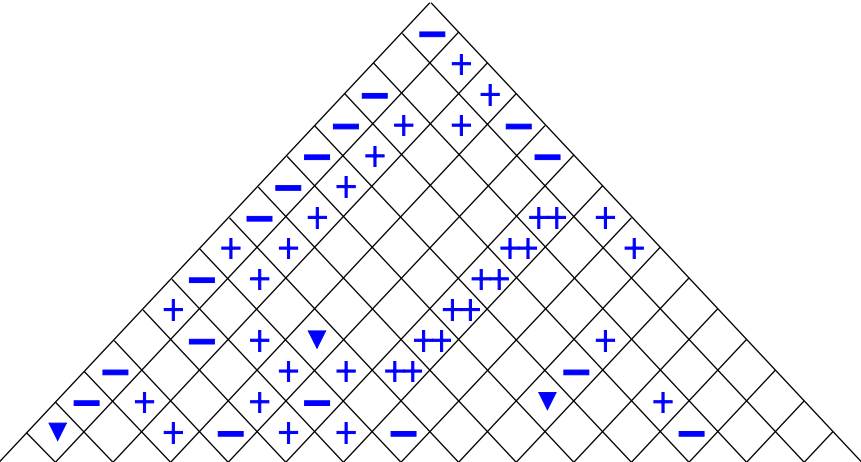


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Legend	
	Strong Relationship
	Moderate Relationship
	Weak Relationship
	Strong Positive Correlation
	Positive Correlation
	Negative Correlation
	Strong Negative Correlation
	Objective Is To Minimize
	Objective Is To Maximize
	Objective Is To Hit Target

				Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15											
				Direction of Improvement: Minimize (▼), Maximize (▲), or Target (X)	▲	▼	X	X	▲	▼	X	X	▲	▲	▲	▲	▲	X	X	Competitive Analysis (0=Worst, 5=Best)										
Row #	Max Relationship Value in Row	Relative Weight	Weight / Importance	Quality Characteristics (a.k.a. "Functional Requirements" or "Hows")	Demanded Quality (a.k.a. "Customer Requirements" or "Whats")	Battery Life (Autonomy)	Battery Temperature	Min Distance to Obstacle	Maximum Velocity	Motor Expectancy	Cost of Production	Motor Power	Ramp-Up Speed Time	Frame Rate	Camera Range	Resolution	Communication Range	Communication Speed	Dimensions	Mass	Our Company	Competitor 1	Competitor 2	Competitor 3	Competitor 4	Competitor 5	Legend			
																											0	1	2	3
1	9	16.7	5.0	Vehicle Integrity	▲	⊖	⊖	⊖	▲	⊖	▲	⊖	⊖	▲	▲	▲	▲	▲	⊖	⊖	5	0	0	0	0	0				
2	9	16.7	5.0	Obstacle Avoidant	▲	▲	⊖	⊖	▲	⊖	▲	▲	▲	▲	▲	▲	▲	⊖	⊖	5	0	0	0	0	0					
3	9	13.3	4.0	Reliable Feedback	▲	▲	▲	▲	▲	▲	▲	▲	▲	⊖	⊖	⊖	⊖	▲	▲	5	0	0	0	0	0					
4	9	13.3	4.0	Fast Response	▲	▲	⊖	▲	▲	⊖	▲	⊖	⊖	▲	▲	⊖	⊖	▲	▲	5	0	0	0	0	0					
5	9	6.7	2.0	Fast	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	▲	▲	▲	▲	▲	⊖	5	0	0	0	0	0					
6	9	13.3	4.0	Budget Friendly	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	⊖	5	0	0	0	0	0					
7	9	10.0	3.0	Low Consumption	⊖	⊖	▲	⊖	⊖	⊖	⊖	⊖	⊖	▲	▲	▲	⊖	⊖	▲	⊖	5	0	0	0	0	0				
8	9	10.0	3.0	Small	▲	▲	⊖	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	⊖	▲	5	0	0	0	0	0					
9																														
10																														
				Target or Limit Value	14400s/4h	35°-50°C	5cm	1 m/s					1s	60 fps	20m	480p	50m		20 x 12 x 5 cm	0.5 Kg										
					Difficulty (0=Easy to Accomplish, 10=Extremely Difficult)																									
					Max Relationship Value in Column	9	9	9	9	3	9	9	9	9	9	9	9	9	9	9										

Weight / Importance	260.0	293.3	453.3	526.7	160.0	613.3	340.0	500.0	233.3	233.3	313.3	360.0	360.0	373.3	266.7
Relative Weight	4.9	5.5	8.6	10.0	3.0	11.6	6.4	9.5	4.4	4.4	5.9	6.8	6.8	7.1	5.0

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