

AgCam Power Consumption Guide

Item	Amps @ Boot	Avg. 1 min.		Range Low-High
Quad Only	0.38	0.35		.34-.36
Quad - 4 cameras no IR	0.88	0.87		.84-.88
Quad - 4 Cameras IR on	1.02	1.01		1.0-1.03
Camera - No IR	0.12	0.12		.11-.12
Camera - IR on	0.13	0.13		.13-.135
Ranch Hand Receiver (RX) Only	0.25	0.23		.23-.26
Quad + 1 RX	0.61	0.6		.59-.62
Quad + 2 RX	0.85	0.85		.86-.86
Quad + 3 RX	1.09	1.08		1.08-1.093
Quad + 4 RX	1.34	1.33		1.33-1.34
Ranch Hand Transmitter (TX) Only	0.26	0.25		.25-.26
TX + Quad	0.27	0.27		.27-.27
TX + Camera - No IR	0.39	0.38		.38-.39
TX + Camera - IR on	0.44	0.44		.49-.44
DVR Only	0.78	0.5		.49-.57
DVR + RX	0.78	0.58		.57-.68
9M w/ 1 Camera	0.75	0.75		0.75
9M	0.63	0.63		0.63
		Record ON	Record OFF	
DVR + 1 Camera	0.91	0.69	0.78	.62-.83
DVR + 2 Camera	1.05	0.9	0.92	.82-.93
DVR + 3 Camera	1.35	1.03	1.05	1.00-1.07
DVR + 4 Camera	1.39	1.07	1.16	1.04-1.19

All power levels tested @ 12V
At 11V add 4% Average
72 degrees F, 27C

NOTES:

- Quad: Switch auto requires .01A per switch
- DVR: Temp affects +.02%A per 10deg F drop, progressive
- DVR: Boot of DVR requires much greater amps at cold temp, (relative)
- DVR-Quad-TX-Camera: Require .01-.02A added with IR on.

DVR information is based on averages for commonly utilized Digital Video Recorders