

## COMPARISON OF COMMONLY AVAILABLE ALTIMETERS (3/7/2010)

Altimeter	Cost	Size, in. (mm)	Sensor Type	Outputs	Power Source	Mach Delay	Orientation dependent?	Available Options	Comments
<b>24mm Capable</b>									
PerfectFlight MAWD	\$99.95	0.9 x 3 (23 x 76)	Barometric	2 partially user-defined, high current on single battery	Single 9V	Man	No	USB connection cable (\$29.99)	Robust, operates even if power is interrupted for two seconds. High current pyro on single battery. Only 25,000 MSL max.
Featherweight Raven	\$149	0.8 x 1.8 (20 x 46)	Dual-axis accelerometer, barometric, temperature	4 high current, fully user defined	Single A23 or 9V	Auto	No	None	Smallest advanced flight computer available, high current pyro on single battery, advanced diagnostic and ground testing.
<b>29mm Capable</b>									
Missile Works RRC2-mini	\$79.95	1 x 3.15 (26 x 80)	Barometric	2 (one configurable)	Single 9V	Man	No	None	Simple dual-deploy altimeter with onboard menu-driven programming in the field.
Entacore AIM USB	\$115	1 x 3.75 (26 x 95)	Barometric	2 (one configurable)	Single A23 or 9V	Man	No	None	Simple dual deploy altimeter with PC connection for firmware upgrade and programming
G-Wiz HCX	\$235	1.1 x 5.5 (28 x 140)	Single-axis accelerometer, barometric	4 partially user defined, high current with pyro battery	Single 9V, Dual 9V recommended	Auto	Yes	USB Interface (\$35)	Advanced altimeter, fully programmable, with massive data capture capability on SD card

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R-DAS Tiny	220 Euro (\$300)	1.1 x 3.15 (28 x 80)	Dual-Axis accelerometer, barometric	4 fully user-defined, high current with pyro battery	Single 9V, supports pyro battery	Auto	Yes	GPS \$270 + antenna \$55 Telemetry \$175 + receiver \$185 Igniter expansion \$67.50 OSD video overlay \$125	Highly configurable, with expansion available. Ribbon cable headers make transfer from one bay to another easier.
<b>38mm Capable</b>									
Ozark Aerospace ARTS2	\$190	1.4 x 3.75 (36 x 95)	Single-Axis accelerometer, barometric	2 partially user defined, high current with pyro battery	Single 9V, supports pyro battery	Auto	Yes	900 MHz telemetry with GPS \$400 + receiver \$330 + antenna \$30	Expandable, but only two pyro outputs.
<b>54mm Capable</b>									
MARSA4	\$225	2.125x3.94 (54 x 100)	Single-axis accelerometer, barometric	4 fully user defined, high current with single battery	Single 9V	Auto	No	Two-way telemetry upcoming	Unique on-board LCD screen. All functions programmable in field. E-match continuity and resistance testing. Internet connection for automatic firmware updates, remote diagnostics.