

AERIS Dive Computer Features	ATMOS elite	ATMOS ai	ATMOS 2	ATMOS 1
Air-Integrated	Yes	Yes	No	No
Air Pressure Alarm (audible)	Yes	Yes	No	No
Alarms (audible/flash/LED)	Aud/Flash/LED	Aud/Flash/LED	Aud/Flash/LED	Flash
Altitude Adjustable to 14,000 ft.	Yes	Yes	Yes	Yes
Ascent Rate Bar Graph	Yes	Yes	Yes	Yes
Ascent Rate Alarm (audible/flash/LED)	Aud/Flash/LED	Aud/Flash/LED	Aud/Flash/LED	Flash
Audible Warnings	Yes	Yes	Yes	No
Backlighting (surface/depth)	Surf/Depth	Surf/Depth	Surf/Depth	No
Battery Replacement (by user)	Yes	Yes	Yes	Yes
Date & Time of Day Display	Yes	Yes	Yes	Time of Day Only
Dive Log (non-download)	20 Dives	20 Dives	20 Dives	9 Dives
Hoseless Transmission	Yes	No	No	No
Nitrox Programmable 21-50%, 1% increments	Yes	Yes	Yes	No
(N2/O2 Loading Bar Graph)	N2/O2	N2/O2	N2/O2	N2
PC Downloadable	Yes	Yes	Yes	No
Safety Stop Timer	Yes	Yes	Yes	Yes
Set Units Imperial/Metric	Yes	Yes	Yes	Yes
Set FO2 Default on/off	Yes	Yes	Yes	No
Set Audible Alarms on/off	Yes	Yes	Yes	No
Set Variable Data Sampling Rate in ft/sec	Yes	Yes	Yes	No
Set Max Depth/Low Air Alarms	Yes	Yes	Max Depth	No
Temperature Display (surface/depth)	Surf/Depth	Surf/Depth	Surf/Depth	No
Time To Fly	Yes	Yes	Yes	Yes
Time To Desat	Yes	Yes	Yes	Yes
AERIS Dive Computer Specifications	ATMOS elite	ATMOS ai	ATMOS 2	ATMOS 1
Activation-Automatic Water/Button	Water/Button	Water/Button	Water/Button	Water/Button
Batteries	CR2/CR 2450	CR 2450	CR 2450	CR 2450
Deco Stop Depth/Time	Yes	Yes	Yes	Yes
Deactivation- No Dive (2 hr)	Yes	Yes	Yes	Yes
Dive Plan Mode	30-190 ft	30-190 ft	30-190 ft	30-160 ft
FO2 Default	50%	50%	50%	No
FO2% Displayed greater than 1.4 BAR	Yes	Yes	Yes	No
Gauge Only Mode	Yes	Yes	Yes	No
Low Battery Indicator	Yes	Yes	Yes	Yes
Max Operating Depth	399 ft	399 ft	399 ft	330 ft
Max Deco Stop	60 ft	60 ft	60 ft	60 ft
PC Download (Max # of Dives)	150	150	150	No
PO2 Display Max Depth	Yes	Yes	Yes	N/A
Total Ascent Time	Yes	Yes	Yes	Yes
Violation Alarms (audible/flash/LED)	Aud/Flash/LED	Aud/Flash/LED	Aud/Flash/LED	Flash

Current Aeris dive computers have user selectable Sampling Rates that determine when data is sampled and stored for subsequent download to associated PC interface programs. More frequent sampling provides more data per dive yet results in storage of fewer dives for download. Use with Air or Nitrox, with or without air integration, dive profiles, and other variables also effect the number of dives that can be stored. Although as many as 150 dives might be stored for consistent 60 foot dives with the Sampling Rate set for a 10 foot rate, as few as 3 may be stored when the profiles fluctuate and the sampling rate is set for a 2 second rate.

