

Comparison Chart

	VARIO	GPS	NAV	LIVE
Main Hardware Characteristics				
Display Resolution (High Contrast Grey Scale)	320x240 pixels	320x240 pixels	320x240 pixels	320x240 pixels
Screen size (true viewing area)	76x57 mm	76x57 mm	76x57 mm	76x57 mm
Battery Capacity (Lithium-Ion) (mA.h)	1500	2750	2750	4000
Autonomy	>30h	>30h	>30h	>30h
Size	155x92x22 mm (L x W x T)	155x92x22 mm (L x W x T)	155x92x22 mm (L x W x T)	155x92x22 mm (L x W x T)
Weight	170g	204g	204g	231g
GPS	✗	50 channels/4hz	50 channels/4hz	50 channels/4hz
RF Interface (With FCC or ETSI conformance for unlicensed use in the 315, 433, 868, and 915 MHz bands.) (Allows the wireless connection of several external probes, like M1 or wind speed probe, simultaneously)	✓	✓	✓	✓
USB Connection (Allows connection to the PC to download/upload Flight Data, Airspaces Data, etc.)	✗	✓	✓	✓
Battery Charging using wall adptar, or usb standard port	✓	✓	✓	✓
Full quad-band GSM / GPRS class 10.	✗	✗	✗	✓
Firmware update by USB (upgrades are free)	✓	✓	✓	✓
Interface Features				
16 diferent pages (each page can be draw using designer software, and include a number of elements only limited by space)	✓	✓	✓	✓
Number of configurable graphical elements (depending of the element several parameters can be set by the user ex. Size, Border, ...) (number will continuously grow)	5	9	9	10
Number of configurable data field elements (User can change size, border, title, Font, ...) (number will continuously grow)	19	43	60	60
Number of Page Trigger Events (page switch automaticly if an specific event occurs)	2	3	6	6
Function Keys (User can define the key function)	✗	✓	✓	✓
Variometer/Altimeter Features				
Buzzer/near thermal sound	✓	✓	✓	✓
High Sensibility Variometer with 10 readings/s, and 10 cm resolution	✓	✓	✓	✓
Adjustable Vario Digital Filter	✓	✓	✓	✓
Fully configurable Vario Sound (frequency, increments, frequency/vertical speed relation, ...)	✓	✓	✓	✓
6 Sound Levels (configurable by menu, or using a key)	✓	✓	✓	✓
High Descent Alarm	✓	✓	✓	✓
Altimeters	3	3	3	3
Altitude adjustment using QNH	✓	✓	✓	✓
Memory Features				
3D flight logger IGC format	✗	✓	✓	✓
Number of Waypoints	✗	448	448	448
Number of waypoints/route	✗	40	40	40
Trackpoints	>400000 (only altitude)	>300000	>300000	>300000
Number of flights Max	248	248	248	248
Recording capacity at scan rate 1 sec/20 sec	✗	90/1800 hours	90/1800 hours	90/1800 hours
Restricted Areas Functions (3D Airspace)				
Compatibility with Open Air format (upload of files using Designer)	✗	✓	✓	✓
Number Polygon Points/Cylinders/Arcs	✗	3100/2200 /1400	3100/2200 /1400	3100/2200 /1400
Average number of Restricted Areas	✗	>600	>600	>600
Display of restricted areas in map	✗	✓	✓	✓
Adjustable warning vertical distance to a restriced area	✗	✓	✓	✓
Adjustable warning horizontal distance to a restriced area	✗	✓	✓	✓
Display of shortest Vertical, and Horizontal, distance to restricted area	✗	✓	✓	✓
Resctrnted area alamrs (vertical iminent, horizontal iminent, violation, ...)	✗	✓	✓	✓
Competition Features				
Route Optimization (indication for shortest route point)	✗	✗	✓	✓
Speed to Start (optimal speed to make the start)	✗	✗	✓	✓
Arriving altitude at goal with visual indication	✗	✗	✓	✓
Several Glides Ratios (to goal, avarage, to next, ...)	✗	✗	✓	✓
Easy task definition	✗	✗	✓	✓
Task Navigation	✗	✗	✓	✓
Live Tracking Features				
Automatic data sending to a remote server through GSM network, ex. for LiveTracking (compatible with several servers)	✗	✗	✗	✓
Automatic data receiving from a remote server ex. alarm messages.	✗	✗	✗	✓
Periodic sending of SMS with position to a predefined number.	✗	✗	✗	✓
Event triggered sending of SMS with position to a predefined number.	✗	✗	✗	✓
Other Features				
Mac compatibility	✓	✓	✓	✓
Multiple Languages	✓	✓	✓	✓