



VBOX 3i is the new and improved 100Hz Data Logger replacing the successful **VBOX III**. Retaining all the functionality of **VBOX III**, **VBOX 3i** features improved latency, seamless **IMU integration**, more precise brake stop accuracy, USB and Bluetooth interfaces, and an audio interface for voice tagging.

The core processor has been updated from 166MHz to 400MHz with a floating-point maths co-processor capable of over 760 million instructions per second. This allows the option of real-time inertial integration when combined with the **Racelogic IMU**.

As with **VBOX III**, the logged data on **VBOX 3i** is stored directly onto a compact flash card for easy transfer to a PC. When used with a **DGPS BaseStation**, **VBOX 3i** is capable of achieving 40cm positional accuracy. 2cm CEP positional accuracy is also possible with the **VBOX 3i RTK Basestation** option.

VBOX 3i is compatible with all existing peripherals including the **OLED Display**, **Multifunction display**, **ADC03**, **TC8**, **FIM02**, **IMU**, and **Yaw Rate sensor**.



VBOX III



VBOX 3i

Latency	
12.5ms	6.75ms
Brake Stop Accuracy	
±5cm	± 1.8cm
Interfaces	
2 x CAN	2 x CAN
1 x RS232	1 x RS232
	1 x USB
	1 x Bluetooth
	Audio Voice Tagging
IMU Data Integration	
No	Yes – data from an external IMU can be used to provide corrections to noisy GPS data
Power	
6-30VDC, 10.6W max	6-30VDC, 6W max
Physical	
170mm x 121mm x 41mm	170mm x 121mm x 41mm
900g	800g