

How is the iAero improved over the original iBike Pro?

The iAero is a fully wireless system. It has significantly improved accuracy in rough roads situations due to 4x higher vibration resistance. The iAero has the ability to display Snapshot CdA™. The iAero enables Power Meter Comparison, CdA analysis, and Power Meter Comparison features in the iBike 2.0.6 and higher software. The iAero works with an optional direct force power meter (DFPM) to measure and report Continuous CdA™ and Time Advantage™ on the iAero screen, during a ride.

How is the iAero different from the iBike Pro Gen II?

The iAero has exclusive Snapshot CdA, DFPM receive capabilities, and Continuous CdA and Time Advantage features not available in the iBike Pro Gen II. Also, the iAero enables power meter comparison, CdA analysis and Time Advantage Analysis features in the iBike 2 software that are NOT available with the iBike Pro Gen II. Both the iAero and the iBike Pro Gen II contain the same circuit board.

Is the rough roads performance improvement in the iAero the result of a firmware change?

No. There are changes to the iAero circuit design that cause dramatically improved rough roads performance. Cyclists have reported excellent results with the iAero on chip sealed roads and with bike speeds in excess of 30 mph.

What are the conditions under which the iAero is most accurate for CdA measurement?

CdA (and optional Time Advantage) measurements work best when: 1) the cyclist is riding solo; 2) there are not heavy cross winds; 3) the iAero has been carefully calibrated; 4) the cyclist is traveling faster than 15 mph.

What are the conditions under which CdA measurement is less accurate?

CdA (and optional Time Advantage) measurements are less accurate when: 1) the cyclist is drafting; 2) basic calibrations have not been performed properly; 3) wind offset calibration was not performed or was performed before the iAero was acclimated to outdoor temperature; 4) there are heavy cross-winds.

What do I need to read-out Continuous CdA and Time Advantage on my iAero screen?

In addition to the iAero you will need a wireless direct force power meter (DFPM) sensor that transmits its power signal using ANT+Sport wireless technology. The Quarq CinQo is an example of such a wireless DFPM. iAero firmware updates will add compatibility with more DFPMs as they embrace the ANT+Sport communications technology.

Do I need to own a DFPM in order to see CdA measurements on my iAero screen?

No. The iAero displays Snapshot CdA measurements whenever the cyclist stops pedaling for 10 seconds and is traveling at speeds in excess of 12 mph.

Do I need to own a Quarq CinQo in order to view Continuous CdA and Time Advantage measurements on my iAero screen during a ride?

Yes.

I already own a DFPM made by PowerTap, or SRM, or Ergomo. Can I use one of these DFPMs with the iAero and iBike 2.0.6 or higher for after-the-ride Power Meter Comparison and CdA and Time Advantage analysis?

Yes. The iBike 2.0.6+ software works with PowerTap, SRM, and Ergomo files to allow power meter comparison, Continuous CdA, and Time Advantage analyses. Note, however, that as of April 2008 none of these products will enable on-screen Continuous CdA and Time Advantage measurements during a ride.

Is the iAero compatible with Garmin Edge products?

Yes, with the purchase of optional iBike G firmware. Consult the table below for available feature combinations:

iAero FW	Power Recv. (from CinQo)	Power Transmit (to Edge 705)	Snapshot CdA	Continuous CdA	Time Advantage	Garmin Sensors
v1.3x	X		X	X	X	
iBike G v1.7x		X				X
iBike G v1.8x	X		X	X	X	X
iBike G v1.9x		X	X			X
			Red features can be enabled ONLY if iBike G FW is installed on an iAero			

I own an iBike Pro but I want to upgrade to an iAero. How do I do this?

Velocomp offers a trade-in program that allows iBike Pro owners to purchase an iAero computer at a significantly discounted price. The owner returns the iBike Pro computer to Velocomp, pays a \$250 upgrade fee, and a new iAero computer is sent to the purchaser. Details are available at the iBike Store at www.ibikesports.com

Will my old wired or wireless mounts and USB adapter work with the iAero?

Yes. The iAero is fully compatible with existing wired and wireless mounts and with any iBike USB adapter. **HOWEVER**, A CADENCE MOUNT (WIRED OR WIRELESS) IS REQUIRED TO ENABLE THE CDA FUNCTIONS.

Is there firmware that enables my iBike Pro to perform CdA and Time Advantage analyses? Will iBike 2.0.6+ permit CdA and Time Advantage analyses if the ride file was created by an iBike Pro?

No. The on-screen CdA features available in the iAero are locked-out in the iBike Pro, and the iBike 2.0.6 CdA tools won't work if the ride file was created by an iBike Pro.

Is the iAero compatible with the Indoor Trainer Feature?

Yes, with the purchase of optional Indoor Trainer firmware.