

## iHUD 2.0 App Turns iPhone Into a Glass Cockpit

Published on 01/08/10

Aero Visions International Inc. has released iHUD 2.0 for iPhone and iPod Touch users. iHUD is an application that turns an iDevice into an aerospace inspired mobile glass cockpit. The app offers a fun way to teach, see, and learn about how motion and force effects the vehicle they are riding in. With the iHUD application, an iPhone becomes a mobile visualization tool, depicting extraordinary graphics with a simulated horizon and features for relaying and displaying pertinent data.

Waretown, NJ - Announcing that Aero Visions International Inc., the developers of iHUD, has released the 2.0 version of their aerospace inspired mobile glass cockpit. iHUD is an application that turns an iPhone into an aerospace inspired mobile glass cockpit. The app offers users a fun way to teach, see, and learn about how motion and force effects the vehicle they are riding in.

The iHUD name is derived from the aerospace term, Head-Up Display, which gives a visual reference for motion and guidance information and data for optimal situational awareness. With the iHUD application, an iPhone becomes a mobile visualization tool, depicting extraordinary graphics with a simulated horizon and features for relaying and displaying pertinent data:

- \* Vehicle reference symbol
- \* Dynamic speed, altitude
- \* Vertical velocity ribbons
- \* Digital display window
- \* Rotating compass card with user selectable heading bug
- \* Slip/skid ball
- \* Accelerometer (G-meter) with sophisticated calibration
- \* GPS
- \* Camera with iHUD data and graphics overlay
- \* Compass information from magnetic compass sensor or GPS

All the basic information of attitude, attitude changes, heading, speed, vertical speed, and acceleration is simulated by iHUD, made possible by the iPhone's on-board accelerometer sensor and GPS receiver. This app works anywhere and does not need a live server to do its job. That means that iHUD can travel and work anywhere a user does. iHUD is an extremely interesting and fun app. Even children can begin learning about spatial motion in an entertaining way. They'll love the cockpit look and feel, which will stimulate their thirst for more knowledge.

### iHUD Features:

(Works on iPhone 3G and 3GS)...

- \* Excellent 'Glass Cockpit' colored dynamic graphics featuring MFD data
- \* Highly accurate and sensitive motion visualization using on-board GPS and accelerometer data
- \* Displays graphically: heading, speed, un-accelerated attitude, altitude, vertical speed, slip/skid
- \* Displays digitally: heading, speed, altitude, vertical speed, G-load
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- \* Weak or no GPS signal generates red colored cross-out of affected visualized data
- \* User settings for various metric and US standard units
- \* User settings for color selection for speed ribbon range (multi-color ribbon)
- \* User setting for compass bug (heading bug) digitally or by moving the heading bug on-screen

- \* Sophisticated accelerometer offset calibration

The latest 2.0 release includes some exciting additional features (requires OS 3.1):

- \* Augmented reality (AR) with camera overlaid by the HUD spatial motion visualization (devices with camera only)
- \* iHUD motion display projection to windshield for night reflective vision
- \* Alternative use of onboard magnetic compass or GPS for heading information (for iPhone 3GS and newer), switchable on the fly

The iPod touch has no on-board GPS receiver, therefore only accelerometer based information (attitude with pitch and roll, and G-load) is operative.

#### About iHUD

iHUD was the first multi function display (MFD) app. It has clean, beautiful, smooth and fast graphics displaying spatial motion of speed, altitude, vertical speed, heading, g-load, attitude graphically similar to a professional EFIS (electronic flight information system). Algorithms (smoothing, etc) are very sophisticated. It still is unique among the better selling MFD apps, even more so now with augmented reality (AR) integrated into the MFD. iHUD is not intended for steering any kind of air or ground vehicle. It is for entertainment and educational purposes only.

#### Device Requirements:

- \* iPhone or iPod Touch (2nd generation) OS 3.1 or later
- \* No GPS data and camera on iPod touch
- \* Magnetic compass only on iPhone 3GS

#### Pricing and Availability:

iHUD 2.0 is only \$5.99 (USD) and available worldwide exclusively through the App Store in the Navigation category. Promo codes are available for qualified reviewers. Please specify the website or blog you represent when making your request.

#### iHUD 2.0:

<http://www.i-hud.com>

#### Purchase and Download:

<http://itunes.apple.com/us/app/ihud/id293546566?mt=8>

#### Screenshot 1:

[http://www.i-hud.com/pic/warning\\_screen\\_night.tif](http://www.i-hud.com/pic/warning_screen_night.tif)

#### Screenshot 2:

<http://www.i-hud.com/pic/iHUD-AR-view.jpg>

#### Screenshot 3:

<http://www.i-hud.com/pic/iHUD-reflective-screen.jpg>

#### Screenshot 4:

[http://www.i-hud.com/pic/iHUD-in-operation\\_20.jpg](http://www.i-hud.com/pic/iHUD-in-operation_20.jpg)

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