

Theodolite Augmented Reality Nav App Optimized for iPad Mini

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Hunter Research and Technology announces Theodolite 3.1.1, an update to the popular multi-function augmented reality nav app. Theodolite overlays real-time information about position, altitude, bearing, range, and inclination on the live camera image of an iPhone, iPad, or iPod touch, turning the device into a sophisticated electronic viewfinder. Version 3.1.1 adds support for the iPad Mini.

Williamsburg, Virginia - Hunter Research and Technology is pleased to announce the availability of Theodolite 3.1.1 on the iTunes App Store. This novel multi-function augmented reality nav app works as a compass, GPS, map, zoom camera, rangefinder, and two-axis inclinometer. Theodolite set a new standard for augmented reality navigation apps when it debuted in 2009. It has been featured numerous times in iTunes, and has been the #1 selling navigation app in iTunes stores around the world.

Theodolite overlays real-time information about position, altitude, bearing, range, and horizontal/vertical inclination on the live camera image of an iPhone, iPad, or iPod touch, turning the device into a sophisticated electronic viewfinder. Uses are endless, and Theodolite is great for outdoor sports, hiking, boating, hunting, golf, sightseeing, photography, and navigation. The app is used in the field every day by surveyors, geologists, architects, engineers, military personnel, competitive sportsmen, and search and rescue workers.

Theodolite lets users take geo-tagged and geo-stamped camera images, screenshots, movies, and screen movies directly from the app, with 2X and 4X digital zoom options and fast buffered saves. Users can choose to watermark geographical data and custom notes directly on photos and movies for later reference. The app includes features for serious users like a reference angle mode, a calculator for height, distance, heading, position, triangulation, and relative angles, data logging, e-mail export with KML data, system-wide clipboard integration, percent grade display, mil compass readout, optical rangefinders (including a mil-based reticle and sniper-style stadiametric graphs), colored lens filters to improve use in dark conditions and preserve night vision, military grid reference system (MGRS) coordinates, universal transverse Mercator (UTM) coordinates, and six latitude/longitude formats.

Users can manage custom markers on the built in map and share map markers via SMS text messages and e-mail. This powerful capability opens up a wide range of collaborative uses which include team land surveying, accident investigations, spotting of wild fires, triangulation of landmarks, and advanced tactical observation and targeting operations.

Theodolite 3.1.1 adds optimization for the new iPad Mini, and includes live map markers with realtime distance and heading display, improved handling of MGRS and UTM position lookups, a variable 4X-24X rangefinder scope, an SLR-style camera reticle with focus prism and exposure indicator, and team tracking. The team tracking feature was developed in collaboration with search and rescue teams to offer simple and reliable operation with a minimal impact on battery life.

Pricing and Availability:

Theodolite and Theodolite HD 3.1.1 are available on the iTunes App Store for an introductory sale price of \$3.99. Theodolite runs on any iPhone with iOS 4.3 or later and also works on the 4th generation iPod touch. Theodolite HD requires a camera-equipped iPad with iOS 4.3 or later. More information, including screenshots, is available on the Hunter Research and Technology website. Media professionals interested in reviewing Theodolite can request a promotional code to download the apps from iTunes at no cost.

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Theodolite (iPhone, iPod touch):
<http://hrtapps.com/theodolite/>

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Screenshot (iPhone 5):
<http://hrtapps.com/theodolite/images2/iPhone5-rila-Theodolite.jpg>

Screenshot (iOS 6 Maps):
<http://hrtapps.com/theodolite/images2/iPhone5-map-Theodolite.jpg>

Hunter Research and Technology is run by Dr. Craig Hunter, a practicing engineer with over 20 years of experience in engineering and software development. Dr. Hunter received the NASA Software of the Year Award and Apple Design Award for his work in software development. He founded Hunter Research and Technology in 2008 to create innovative apps that leverage the advanced hardware and software capabilities of iOS devices. The company has 17 apps available on the iTunes App Store, and develops apps for a range of clients worldwide. Copyright (C) 2012 Hunter Research and Technology. All Rights Reserved. Apple, the Apple logo, Macintosh, iTunes, iPhone, iPod, and iPad are registered trademarks of Apple Inc. in the U.S. and/or other countries.

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Craig Hunter
Principal

pr@hunter.pairsite.com

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