Press Release: BitLock brings keyless entry to bikes

San Francisco – Mesh Motion Inc introduced BitLock, the world’s first keyless bike lock today (October 15th, 2013) on Kickstarter.

BitLock is the first Bluetooth-enabled U-Lock that replaces your bike key with your smart phone. Thanks to Bluetooth 4.0, BitLock brings true keyless entry experience to your bike. BitLock detects your presence as you come within 3 feet of your bike and without the need to interact with your phone, you can lock and unlock by simply pressing the button on BitLock.

With an ingenious design, intelligent power management, advanced battery technology, low power radio and actuation system, BitLock can perform more than 10,000 lock/unlock operations on a single battery. This is enough to provide a 5-year battery life under average usage. No charging is needed. Once the battery level is low, you get a notification on your phone to replace the battery.

BitLock application bookmarks your bike location every time you interact with BitLock using your smart-phone’s GPS. This way you will never forget where you parked. Plus BitLock application can also intelligently monitor your cycling activity without any need to interact with the application and provide statistics on miles cycled, calories burned, and CO2 emission saved.

With BitLock, you can remotely and instantly share access and the location of your bike(s) with your family, friends, roommates, coworkers, houseguests, and virtually anyone you wish. Through the application, you can create permission groups and add people as well as bikes to these groups. People with permission can check out virtual one-time keys to lock and unlock BitLock. BitLock owner can define a unique access policy for each group such as access time intervals and a geo-fence inside which bikes should be returned to. Access can be revoked remotely at anytime by removing people from these groups.

With the access sharing and geolocation features, BitLock can make low cost bikeshare viable for local communities. Through the application, profiles can be created for shared bikes with pictures and description and the shared bikes can be located the on the map. Users can also leave reviews and report problems through the application.

BitLock uses Advanced Encryption Standard (AES) for authentication and is made of heat-treated and cut-resistant steel. It is also weatherproofed to withstand harsh weather conditions such as rain and snow.

Currently iPhone 4S or 5, 5C and 5S as well as Samsung Galaxy S3, S4, Note 2, 3 – HTC One, EVO - Motorola Moto X - Google Nexus 4 and 5 handsets running

Android 4.3 (Jelly Bean) or later are supported.

BitLock comes with a beautiful and modern design with the base color of Azure Blue and White. BitLock is available for pre-order on kickstarter.com starting at a limited early-bird special price of $79 and regular price of $99 and plus a $20 shipping and handling fee to the United States and Canada. Backers have the option to customize the color to their taste for an extra $50. BitLock will retail for $139 when it goes on sale next year.