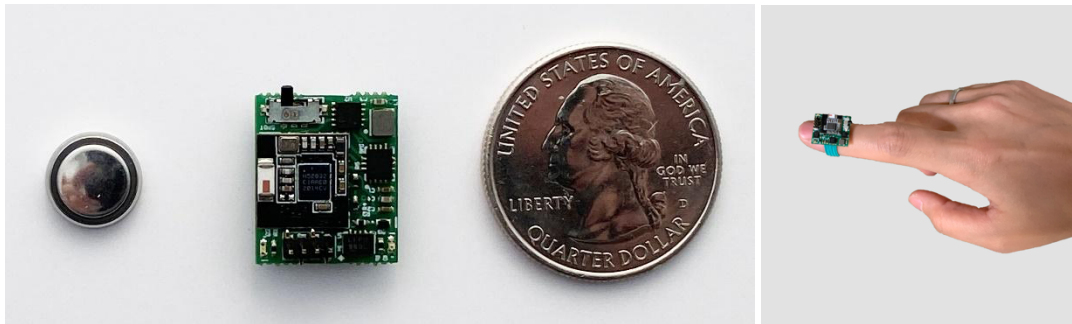


Motion Stone Dev Kit

Motion Tracker for Small Objects

About

Motion Stone is a tiny 17 x 17 mm motion tracker powered by Nimbus 9. The core components are Bosch 6-axis BMI270 IMU module, Holyiot Bluetooth module build on Nordic NRF52832AA and Linear Technologies LTC4070 PMIC. Nimbus 9 provides 2 hours runtime and 3 hours charge time for convenient operation without needing to swap batteries. Apart from Nimbus 9 battery itself, motion stone is constructed entirely of surface mount (SMT) components using standard PCB fabrication.



Applications

Thanks to the high-power performance of Nimbus 9, Motion Stone offers a 50% size reduction compared to comparable existing products. By leveraging the small format and low-cost manufacturing, we aim to expand the use of motion tracking in fields like:

- interactive media
- gaming
- virtual reality
- entertainment
- health & wellness
- play & education

Motion Stone is fully programmable via Unity and the kit includes all the hardware you need to connect, charge and program the device. To learn more check out our page on [Github](#). We are already planning a future version of Motion Stone that will feature a further 30% size reduction and up to 4 hours of runtime.

How to get Motion Stone

The Motion Stone Dev Kit is currently available for Beta testing to a limited number of users. Please visit millibatt.com and let us know about your project!