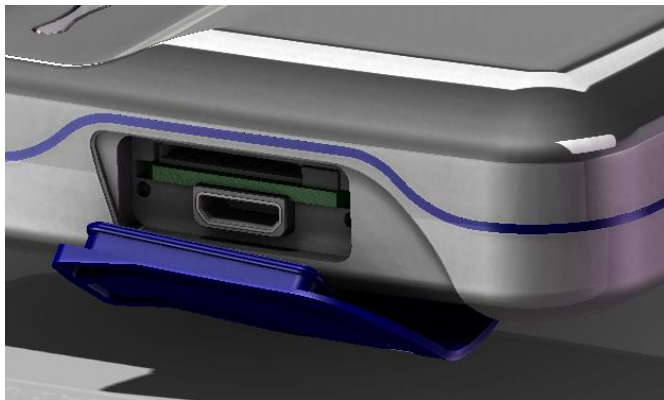


## MINIATURE GPS TRACKER

### HMD “Tracks Down” a Packaging Solution

#### CHALLENGE

A technology and cybersecurity firm approached HMD to design an enclosure for their newest product, an advanced miniature tracking device. This company needed our expertise to fit all the necessary electronic components into the smallest package possible. Combining features like GPS, cellular network antennas, along with longer battery life, into a discreet plastic box that fits in the palm of your hand, was no “small” task. The unit had to be small and light, but also durable and water resistant.



#### SOLUTION

HMD worked with the customer to develop a design that met their technical and aesthetic needs. We worked closely with a plastics manufacturer to create a robust design that was physically possible to produce in plastics. Our design has the smallest possible physical dimensions given the space requirements of the various electronic components and the structural limitations of molded plastic. Using overmolded rubber gaskets, the case achieves an IP67 rating for dust and water resistance. A molded rubber door keeps the unit’s USB port and SIM card easily accessible, while remaining protected from the elements.

#### OUTCOME

With a production-ready design for their advanced tracker, this technology company can continue to be on the cutting edge of their field.

For more information please visit [www.hmd-llc.com](http://www.hmd-llc.com)  
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