

IntelliNav

Onboard Realtime Artificially Intelligent Vision Based Navigation for UASs and Drones Without GPS



Contact Information Description

4621 Lyman Drive, Suite 200
Hilliard, Ohio 43026
www.ubihere.com

POC: Rich Arnold
Director of Engineering
Rich.Arnold@ubihere.com
Cell: 614-395-1749

Realtime Position and Navigation Camera



Description in Bullet Format

- “IntelliNav” is an innovative real-time onboard multi-sensor position and navigation system requiring no external RF stimulus (GPS or GNSS or beacon systems)
- **Patented** artificial intelligence system processes real-time sensor data to determine current position or navigate
- **\$3M+ in research** and development at Ohio State in support of the “Return to the Moon” and “Mission to Mars” programs
- AFWERX **Agility Prime Phase I** Awardee
- **TRL – 4/5** Demonstrated in the lab and in the field

Benefits, Money Saved, Eliminates What?

Benefit : Every Warfighter, combat vehicle, transport vehicle, logistics vehicle and autonomous system is impacted negatively by loss of GPS service. Ubihere’s solution utilizes a novel AI system and available GIS data to overcome the dependence on GPS for operational effectiveness

Target Customer(s): VTOL and other autonomous systems; DoD (A)PNT; Special Operations; Commercial Drone Manufacturers; Indoor GPS Companies

Seeking: DoD Program Managers and Operational Partners

Airspace Management <input checked="" type="checkbox"/>	Command & Control <input checked="" type="checkbox"/>	Comms <input type="checkbox"/>	Power & Energy Storage <input type="checkbox"/>	Propulsion <input type="checkbox"/>	Sensors & Awareness <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
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