MISSION**MAP**
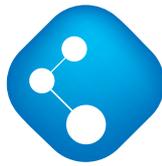
digital mapping and navigation solution

MISSIONMAP

MISSIONMAP is a mission management system which enhances situational awareness and simplifies the most complex airborne tasks. Featuring a powerful touch-screen user interface, task coordination and target identification have never been so effortless. MISSIONMAP – designed by aircrew for aircrew.

Front Monitor

Optional Rear Monitor
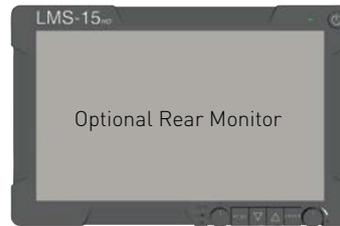
Support for multiple display options with VGA, DVI and Display Ports.

The MISSIONMAP computer is designed and built for harsh environmental conditions. Its rugged aluminium chassis supports fanless technology, housing the current generation Intel processor, large capacity RAM and a solid state hard disc drive.

Connectivity to the computer is easy with dual Intel GbE LAN ports, 4x USB 3.0 and 2x USB 2.0 ports. HD-SDI input is supported through a BlackMagic Decklink SDI card with video passthrough. Remote connectivity is available using the Sierra Wireless 3G/4G* data card.

Primary or secondary position data can be achieved with the 'Aviation' data protocol output from Garmin or similar GPS units or using an external GPS antenna and the onboard embedded 65 channel L1 GPS.

The addition of EO/IR gyro stabilised cameras is effortless and reliable with connectivity available through RS 232 and RS 422 serial ports.

MISSIONMAP intuitive user interface
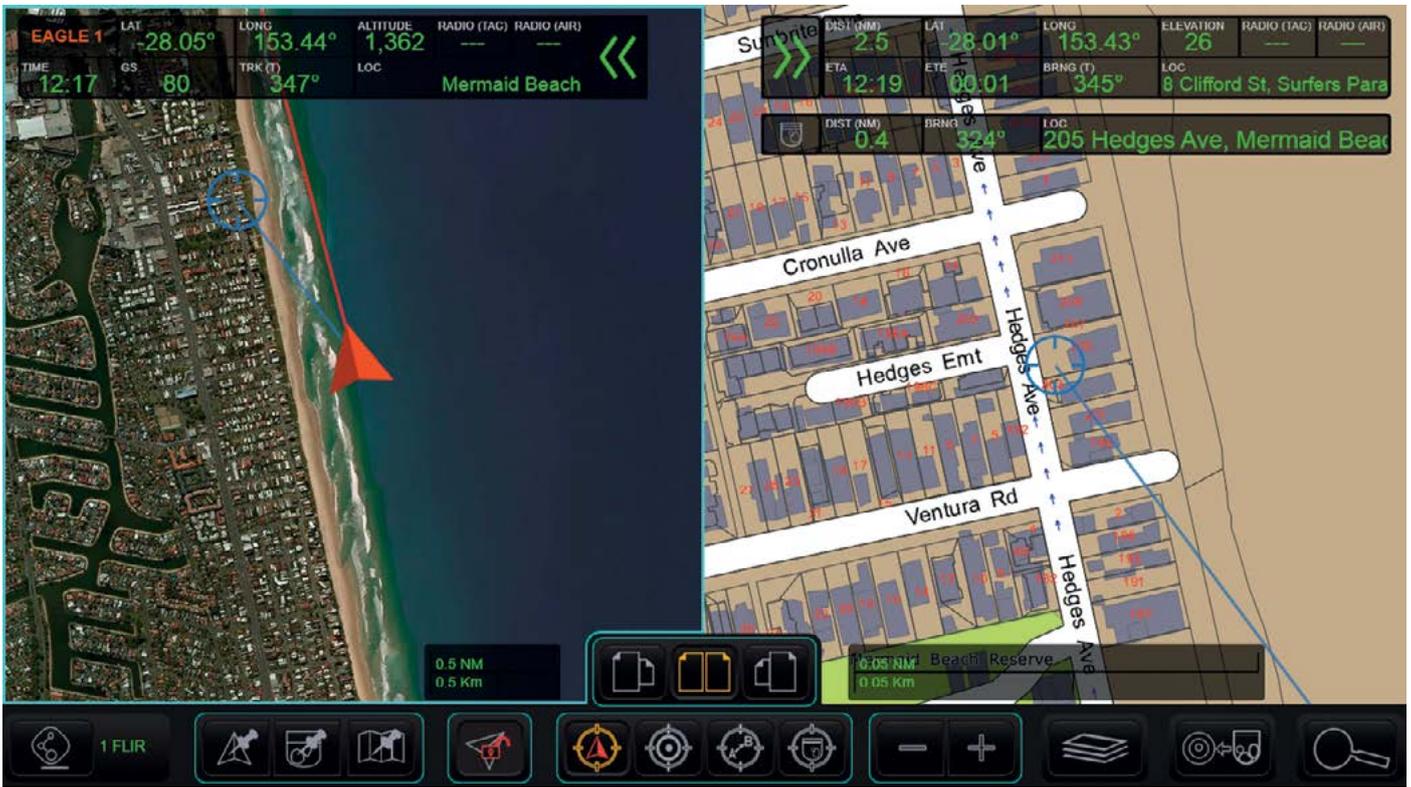
FEATURES

1. Aircraft and Target Information Boxes display real time data including: Latitude and Longitude, Bearing, Track, Aircraft Altitude and Target Elevation, ETA, ETE and Time, Target address and Aircraft current suburb, Tactical Radio Channel* and Air Channel* at both target and aircraft positions.

2. One touch easy waypoint markers for storing Aircraft Position, Camera Line-of-Sight Position and touch positioned Markers anywhere on the map.

3. Aircraft and Map Orientation. Choose between North Up or Aircraft Heading Up orientation.

4. One touch map centering. Choose either Centre Aircraft, Centre Target or Centre Camera. A special Track Mode can also be selected which allows users to centre the map screen on the target and aircraft.

5. Single or dual map screen. Setup individual map preferences on either the left or the right map screens. Easily hide or reveal them to display left, right, or both screens at once.

6. Multiple map layers. Select from up to 4 predetermined base maps* and 4 map overlays* on any of the dual map screens. If configured, the video feed from a gyrostabilised camera* can also be displayed through the map interface.

7. One touch Lock Camera on Target button. When gyrostabilised cameras are integrated to MISSIONMAP, users can instantly slew and lock the camera onto an active target from the main toolbar.

8. Intuitive search feature. Search for address locations using combinations of suburb, street and cross street. Position search options such as Latitude and Longitude in Degrees/Minutes/Seconds, Decimal Degrees and Degrees/Minutes/Decimal Minutes, UTM Grid Reference and Topographic Map Name*and Points of Interest*. Users can also easily recall recently created waypoints from the History Search listing.

9. Aircraft and Camera log files. Record relevant mission logs of aircraft and gyrostabilised camera movement as log files. Download to USB key from

MISSIONMAP and upload to Google Earth, MapInfo and Esri ArcGis software. Display recent logs on screen to use as a guide for further missions. Log files can be given custom names and notes can be added for future reference and identification.

10. Simple waypoint migration. Transfer waypoints between any MISSIONMAP aircraft or MISSIONMAP desktop computer via USB key. Users can plan tasks by creating multiple target waypoints on the base computer and quickly transfer them to the aircraft computer within a matter of minutes. Waypoint files can be named and notes can be added to customise their metadata.
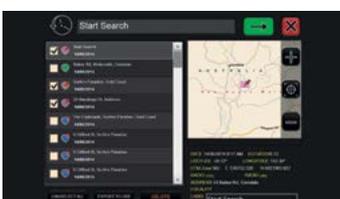
* Items are not considered 'standard' and are available as 'custom' additions.

MAPS

Main supported base dataset

The main base map represents the most up to date vector data from HERE maps. This comprehensive data includes, landmass, parks, reserves, educational facilities, water bodies, shops, cemeteries, roads, streets and highways, rail lines and aviation related areas. All data is backed by a search database for suburbs and streets, including a full business and residential address listing.

The HERE base map data is also available for over 70 countries and growing.

Custom map data

MISSIONMAP supports various custom map data images derived from either raster or vector based data. Map types include aerial photos, scanned topographic and aeronautical charts, map tiles, vector based critical infrastructure and tactical and air radio channel boundaries.

MISSIONMAP also supports high resolution .dem (Digital Elevation Model) data.

Up to 4 base maps and 4 custom overlays can be selected from the main toolbar.

LOGIMAP can customise the way that you would like to view your data depending on your needs.

LogiMap

LogiMap is an emerging software company based in Sydney, Australia. Our product MISSIONMAP, is a digital mapping and navigation solution for airborne and land-based operators. We specialise in airborne mission management and gyrostabiulised EO/IR camera integration with a focus on supporting:

• State & Federal Law Enforcement Organisations;

• Emergency Medical Services;

• Search & Rescue Units;

• Government and Military operations.

LOGIMAP provides outstanding products and services in the field of aircraft special operations mission management, navigation and gyrostabilised camera integration. Suited to both rotary and fixed wing aircraft, MISSIONMAP is designed for Aircrew Officers performing Airborne Law Enforcement, Search & Rescue, Emergency Medical Services, Firefighting and Government/Military operations. The MISSIONMAP solution is equally suited to terrestrial use: in the field; on board vehicles; at command posts or as a mobile solution to users on foot.

Our design and sales team have over 60 years experience in law enforcement, of which 40 years are in aviation law enforcement and search and rescue.

We work closely with an expert team of software engineers who are leaders in the field of digital mapping with decades of combined experience in this highly specialised field.