



DATASHEET – DELTA SUITE ANDROID

Overview

The ANDROID version is the "field" declination of the DELTA SUITE, designed to use on a smartphone or a tablet.

Fully interoperable with our Windows versions, it is a clear and user-friendly tool that provides access to several applications (navigation, communication, visualization and interaction with geospatial data, video stream management, Laser Range Finder tool, etc.).

In terms of communications, the exchange of data between different stations equipped with the DELTA SUITE is possible if they are connected through one of the many compatible communication means (LOS, BLOS, SATCOM, LTAC, MESH, MIMO).

DELTA SUITE allows increased interoperability with third-party systems, through compliance with military and civilian standards and protocols (VMF through IDM modems, CoT, FFI/MTF, MAVLINK, STANAG 4609, REST API, POP, SMTP and soon NMEA2000, STANAG 4586, STANAG 7023).



Basic functions

In order to allow a quick synthesis of the most important information, the solution provides the user with the following information and functions:

- Display of coordinates (MGRS, long/lat) and elevation (meter and feet);
- Dynamic compass;
- Search tool;
- Map interacting tools (move, zoom, focus on coordinates, etc.);
- measurement tools;
- Drawing tools (points, lines, polygons and circles);
- Geofencing tool (alert triggering when objects enter or exit areas);
- Import of various geographic data formats (ECW, Geopackage, MB Tiles, SQLite, TMS, GPX, KML, JSON, DTED, COT) and connection to web mapping services (WMTS, XYZ, TMS);
- Built-in messaging tool;
- Interface customization.

Navigation module

The DELTA SUITE ANDROID makes navigation in real-time easier:

- GPS connection with automatic configuration (internal, DAGR, P3TS, etc.);
- Retractable pull-tab with all the useful navigation information (compass, GPS status, heading, speed, distance and estimated time to the next waypoint, etc.);
- Waypoints management, roads and POI (Point Of Interest);
- Track recording;
- Track back;
- Guidance to a moving point.



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Laser Range Finder (LRF) module

The DELTA SUITE NOMAD allows you to manage Laser Range Finders:

- 🌐 Wired, Bluetooth and WiFi connection;
- 🌐 Management of telemetry with reception of the azimuth, distance and elevation information (Vector 21, 4nite, Moskito, PLRF, Moskito TI and Jim Compact);
- 🌐 Management of telemetry in "picture" mode with the extraction of information from the image sent by the LRF (Moskito TI and Jim Compact);
- 🌐 Remote video and control of the LRF directly from the DELTA SUITE NOMAD (Moskito TI and Jim Compact).



Monitoring of Common Operational Picture (COP)

DELTA SUITE ANDROID provides tools to:

- 🌐 Track friendly positions;
- 🌐 Exchange data to update the tactical situation;
- 🌐 Transmit automatically BFT positions received locally to a DELTA SUITE C2 version in a command center.

Full Motion Video (FMV)

This feature provides Full Motion Video (FMV) capabilities. Processing video stream and associated metadata (STANAG 4609) allows to display, in the DELTA SUITE ANDROID, the target information, the aircraft position, the camera footprint and the line of sight.

This version also allows an advanced interaction with the Black Hornet UAV (FLIR) by sending waypoints or receiving its snapshots which are geolocated in the map.



Non contractual document

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