



## TM-100

### Map & Video Management System

#### AFFORDABLE, FULL-FEATURED MAPPING

- 3D, Street and Satellite Map Views
- Augmented Reality (AR) overlays on live video imagery
- Video (with Metadata) and audio recording
- Plug & play with TrakkaCam camera systems

#### FLEXIBLE ARCHITECTURE , EASILY CUSTOMISED

- Fully integrated with Open Source databases
- Easy integration by user with proprietary secure databases
- Easily interfaced to networked info sources such as vehicle tracking systems, parcel data etc

#### INNOVATIVE POST-PROCESSING CAPABILITY

- Realtime mapping capability to match other competitors
- Unique post-processing capability for analysis & reporting

#### INTUITIVE USER CONTROL, MAX SITUATIONAL AWARENESS

- Simple touchscreen controls (runs on tablets or notebooks)
- Full camera system functionality from the mapping system
- Easy single-click operation to meet diverse mission challenges (toggle map layers, move the viewpoint, point the camera at a known position etc)



## Features:

- Map overlays on Video (Augmented Reality)
- 3D Map View with Flexible User Control
- Includes Street Map or Satellite Views
- Real-Time Display of Sensor Address
- Map, Video, Split, Picture-in-Picture Views
- Intuitive Touch-Screen Controls
- Point by Click, Address, Intersection or Lat/Long/Alt
- Supplied with Continent-Wide Base Data
- Easy Integration of User Maps and GIS Data
- Displays Aircraft & Sensor Breadcrumbs
- Paints Sensor FOV Coverage Polygons
- Ground-Track Speed Estimation Modes
- Digital Video Recorder with Metadata
- Includes Integrated Audio Recording
- Low-Cost, Full-Featured Solution
- Plug & Play with TRAKKACAM products

## MAPPING SYSTEM SPECIFICATIONS

<b>Views</b>	<ul style="list-style-type: none"> <li>• Street overlay (Augmented Reality)</li> <li>• Map only</li> <li>• Split-screen</li> <li>• Picture-In-Picture</li> <li>• Map/sensor blending</li> <li>• Points-of-interest overlay</li> <li>• Reverse Geo-Coding (view address of where the sensor is looking)</li> <li>• Virtual Camera view (synthetic vision)</li> </ul>
<b>Displayed Information</b>	<ul style="list-style-type: none"> <li>• Sensor Pan/Tilt symbology</li> <li>• Compass rose</li> <li>• Date and time</li> <li>• Aircraft/sensor boresight position, altitude</li> <li>• Pin positions, altitude, distance</li> <li>• Aircraft/sensor position breadcrumbs</li> <li>• Aircraft icon on map</li> <li>• Sensor FOV footprint on map</li> <li>• Dropped pins on map</li> </ul>
<b>Search</b>	<ul style="list-style-type: none"> <li>• Address look-up (search for location by address)</li> <li>• Free-Text search</li> <li>• Intersection search</li> <li>• City Name,</li> <li>• Coordinates (DMS, DDEG formats)</li> </ul>
<b>Control</b>	<ul style="list-style-type: none"> <li>• Geo-point (slew sensor to address, free-text, intersection, city name or coordinates)</li> <li>• Slew-to-Pin (touch pin to geo-point sensor)</li> </ul>
<b>Recording</b>	<ul style="list-style-type: none"> <li>• Video</li> <li>• Audio</li> <li>• Metadata</li> </ul>
<b>Additional</b>	<ul style="list-style-type: none"> <li>• Time-to-Arrival (time to arrive at pin at current speed)</li> <li>• Speed estimation various modes</li> </ul>

## SOFTWARE SPECIFICATIONS

<b>Recording</b>	MISB0601 - Compliant
<b>Street Maps</b>	Included, Continent-Wide
<b>Satellite</b>	Included, Detail Varies by Locale
<b>Elevation</b>	Included, Continent-Wide
<b>Map</b>	3D with multiple follow modes
<b>Augmented Reality</b>	With Digital Zoom, Pan, Tilt
<b>Screens</b>	Split, PiP, Map-Only, Video-Only
<b>Ops System</b>	Windows
<b>Options</b>	Customizable to meet customers' requirements



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