



Leadership in Vision Technology

***ProMotion Terra -
Video Motion Detection (VMD) for
Ground-based
Scanning and Static Video Sensors***

ProMotion Terra is a high-end Video Motion Detection software solution for harsh **outdoor** conditions, recognized by security organizations and companies and elite forces as a superior VMD solution for outdoor conditions



ProTrack Ltd.

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ProMotion enables VMD for **scanning** and stationary cameras!

ProTrack's Real-Time Motion Detection technology enables precise motion detection while the camera scans, pans, tilts, jump-scans or shakes, whether randomly or intentionally.

ProMotion Terra allows defining filters that limit detection to a specific direction, ranges of speed and amount of motion. This makes the system very sensitive to very small moving objects, yet highly resistant to false alarms.

When used with Scanning Cameras and Mabat Panorama application, **ProMotion Terra** allows the user to pre-program scanning paths and the software controls the PTZ pedestal.

ProMotion Terra can be supplied as a Standalone application, or easily integrated into the customer's application. It is installed on off-the-shelf PCs, laptops and PC tablets.

The **ProMotion Terra** suite includes the following products:

Model	ODX 200	ODX 301	ODX 301/P
Description	Multichannel VMD for Static Cameras Tools for setting Regions of Interest (ROI) and Scene Calibration	VMD for Scanning Cameras. Designed to detect moving objects in a large area using a PTZ camera. Global parameters setup available	VMD for Scanning Cameras with Panorama. The Panorama is used to define Regions of Interest (ROI) and their parameters. Allows setting scanning paths. Easy navigation using "Camera Go-To" to any pixel on the panorama
Region of Interest (ROI) and Parameters Settings	+	-	+
Full Resolution Detection	Optional	Optional	Optional
Detection in Pre-Set Locations	-	+	+
MABAT Panorama Creator	-	-	+
Available as a SDK Library	+	+	-

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ProMotion Terra can be used with these additional **ProTrack** capabilities:

- **NEVO** – Geo-Positioning for Ground Based and Low Altitude Sensors
- **MABAT** – Panorama Creator for Ground Based Sensors
- **AMOD** – Abandoned and Missing Objects Detection
- **TRK** – Real Time Video Object and Target Tracking
- **CARMEL** – Real Time Smoke Detection
- **SELA** – Stabilization, Enhancements and Defogging/Dehazing
- **OiC** – Object Classification

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