

AI-Enhanced Electro-Optical RADAR

- **24/7 – 360° AI-Integrated Panoramic Surveillance:** Humans can detect targets up to 4,000 m away, while vehicles can detect targets up to 15,000 m away. (Depending on target size and environmental conditions)
- **Flexible Lens Options:** Thermal Lenses ranging from 35 mm to 150 mm, LWIR, MWIR, and CCTV multi-camera combinations – multi-spectral – can be selected according to need.
- **Real-Time Target Tracking:** Multiple target tracking, very close to real-world coordinate generation, and integration with multiple DeepWatch systems for AI classification.
- **Smart Alarm and Tracking for Military Base Areas:** AI recognizes suspicious movements, provides early alarms, and provides instant notification to command centers.
- **Intelligent Protection of Critical Government Buildings and**
- **Strategic Areas:** The Deepwatcher camera, which locks on to the target, monitors threats in real time and alerts security units.
- **Multi-Purpose Military Security Platform:** An effective solution for protecting border lines, base areas, energy facilities, and critical urban points.
- **Uninterrupted Military Surveillance in All Conditions:** Continues its mission with high visibility even at night, in fog, snow, and rain. Integration with RF Ground Radars is possible.
- **Full Integration with Command and Control Systems:** Works integrated with GPS, RF Radar, Acoustic Sensor, Meteorological Kits, and communication systems, transmitting field data to the central structure.
- **Uninterrupted Connection Infrastructure and Resistant to Harsh Environments:** Access from anywhere with Wi-Fi, GSM, LTE, Fiber-Copper Networks, and optional Satellite Connection. IP66 protected structure operates at full performance between -30°C and +55°C.
- **Gyro-PanTher:** Developed for maritime operations, it corrects roll and pitch angles up to +/- 25 degrees.
- **PanTher:** An electronic watch that operates automatically and seamlessly 24/7/365 with Deepwatcher. Scan angles, speeds, and sectors can be adjusted.