

Deep Watcher®

AI Enhanced Automatic Electronic Optical Radar

V1- Developed specifically for Wildfire

V2- Developed as a Military Electronic Optical Radar

- **360° Uninterrupted Scanning within a 30 km diameter:** 360° horizontal and -45° to +45° vertical scanning capacity, monitoring large areas 24/7.
- **Instant Fire, Smoke, and Motion Detection with Artificial Intelligence:** Automatic smoke, flame, and motion detection system with high-precision artificial intelligence.
- **Enhanced Deep Learning Infrastructure:** Faster and more accurate classification with an AI-based analysis engine.
- **Integrated Meteorological and Soil Sensors:** Enriched analysis with environmental data for fire risk maps (optional). Provides data used before, during, and after a fire.
- **Bi-Spectral Camera Support:** Clearer and more accurate detection with thermal and CCTV optical imaging. Integration with Panther Thermal Radar is possible.
- **Multiple Connection Options:** Access from anywhere with Wi-Fi, GSM, LTE, Fiber-Copper Networks, and optional Satellite Connection.
- **Off-Grid Operation:** Low-energy system supported by solar panels and wind turbines.
- **Wide Temperature Resistance:** Uninterrupted performance from -30°C to +55°C.
- **IP66 Certified Protection:** Maximum safety and longevity against harsh outdoor conditions.