

Elios HFDS Eldor Heat / Fire Detection System is designed to provide thermal detection environments where there is a constant risk of fire. The system is continuously looking for fires, flames and heat deviation, once an abnormal temperature is detected, Elios-HFDS analytics provides a reliable response to a major safety risk. A complex algorithm is used to deny any false alarms.

Elios HFDS provides a comprehensive tool to monitor remote wide areas 24/7 and alerts in case of flame / heat detection. The system provides 360° coverage while rotating and looking for thermal events.

Markets

- Forests Observation
- Industrial Plants
- Military bases

Capabilities:

➤ Thermal Camera

- High sensitivity, cooled / un-cooled, long wave thermal image sensor
- Single field of view lens, Dual or cont. zoom
- Automatic focus capability
- Day or Night use



➤ CCD Camera

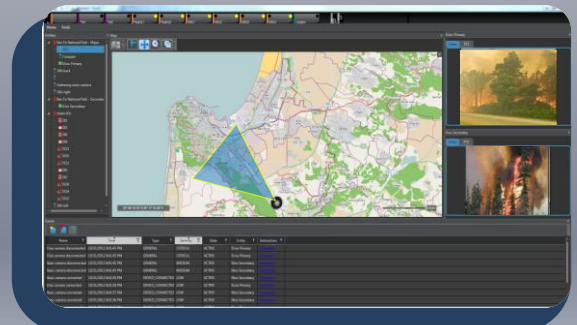
- Color and black / white CCD camera
- Built in optical zoom X36 / X55
- Digital zoom X12
- Video image electronic stabilization

➤ PTU – Pan Tilt Unit is designed for continuous use in harsh environments conditions:

- 360° full rotation using Slip Ring mechanism
 - Proportional motor speed according to camera zoom position
 - Manual and automatic control of target tracking
- Embedded Video Content Analysis
 - Dry contacts and logical alert triggers
 - Environment: IP65

➤ Command & Control Application

- Real time GIS mapping, GPS positioning
- Video Management System
- Event Management module
- Recording Voice, Video and Data
- Reports, History and debriefing



Why Elios-HFDS

- Long range fire and heat detection
- Real time situation awareness
- Fast Deployment and easy installation

Eldor Communication Technologies Ltd is a leader provider of diverse solutions for Defense & Security systems.

Eldor specialized in implementation of turn-key projects or as a supplier of subsystems components.



Specifications

