

## FireTIR system – early fire detection

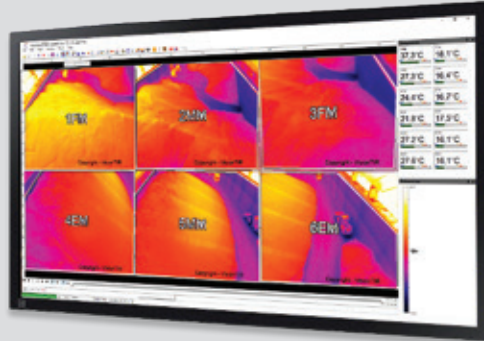
Thermal infrared camera monitoring of warehouses, silos and coal piles. With real-time inspection, easy integration and fully-featured software.



**PATOL**  
FIRE DETECTION SOLUTIONS

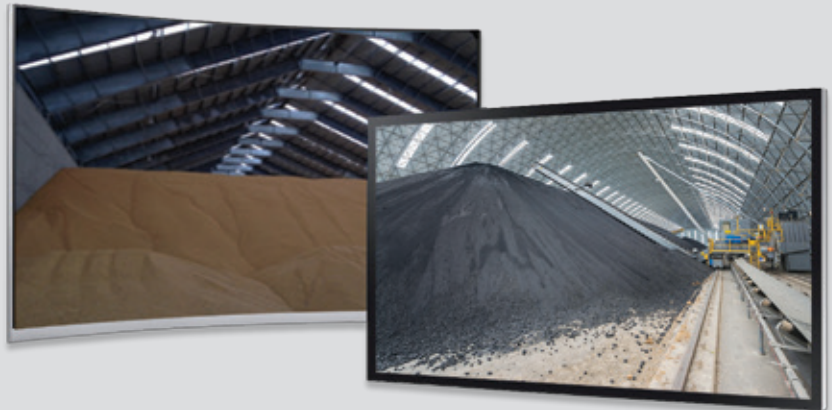
# FireTIR system

FireTIR is an early fire detection system based on radiometric infrared cameras to monitor warehouses of raw materials, silos, coal piles storage, and other flammable substances or hazardous environments, including ATEX classified zones.



## Benefits

- Real-time inspection for early detection
- Definition of alarm zones and related temperatures in each IR camera to avoid combustion of materials as a preventative measure
- Discrimination system consisting of alarms and pre-alarms to avoid false alarms due to work vehicles, forklifts, etc
- High-resolution temperature measurement at great distances
- Customised system design
- Full remote control of all thermographic cameras
- Easy integration process. Advanced concepts of interface allow the integration in networks and automated systems



## FireTIR software – features

- Full remote control of all thermographic cameras
- Fast and precise temperature measurement. It can capture the temperature distribution of a surface in milliseconds
- Automatic hot spot detection. It allows thermal evaluation of objects with automatic detection of hot or cold spots
- Different inspection zones configuration, thus facilitates the parameters processing of each zone: emissivity, measurement temperatures, colour palettes, dimensions, etc.
- Offers recording functions and analysis of measured data
- Easy integration process. Advanced concepts of interface allow the integration in networks and automated systems
- Email notification of alarms or alarms notification by digital outputs

