

PYROVIEW INFRARED DIRECT DETECTION SYSTEM



The use of high resolution infrared cameras enable to detect fire as soon as it starts and to monitor its time development very precisely. This system is usually used in waste

depots for incineration plants and in solid fuel (wood or coal) depots for heating plants, both outdoor (with or without covering) and in indoor bunkers. High resolution infrared cameras are mounted in protective case, if required even in Ex-proof execution, equipped with a special compressed air device that keeps the protective glass and lens of the system perfectly clean. In most cases cameras and their cases are equipped with an automatic remote controlled special support with horizontal and vertical movement in order to monitor large areas by means of a very limited number of cameras.



The control panel is equipped with a dedicated software for automatic fire detection (right from its beginning) and localization (space coordinates of the fire are automatically determined).

The control panel can also drive (automatically or after operator's authorization) an automatic fire extinguishing system, for the above applications usually consisting of remote controlled water/foam monitors.

Besides the automatic operation, cameras can be manually driven by an operator that has one or more high resolution colour LCD screens displaying automatic and manual procedures. It is thus possible to monitor fire development, despite thick smoke usually caused by the above mentioned materials, and optimize rescue and extinguishing procedures.

