



True Flame Detection Technology

MICROPACK

MICROPACK Detection (Americas) Inc

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PRESS RELEASE

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MICROPACK announces New Generation Visual Flame Detector.

Global experts in hazard detection technologies continue to provide solutions for the oil and gas industry.

May 30, 2007 – MICROPACK, globally recognized experts in hazard detection technologies and innovators in the design and manufacture of optical flame detectors announces the launch of their new 3rd generation Visual Flame Detector, Model FDS-301. The new flame detector provides all the benefits of MICROPACK's 'True Flame' Visual Flame Detection technology, with superior quality color video images and greater sensitivity. The new levels of sensitivity are achieved without affecting the detector's superior false alarm immunity and its ability to detect fires in the presence of sunlight, rain, fog and hot objects.





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MICROPACK's FDS-301 is designed to detect a 10 Kw hydrocarbon pool fire up to 144ft within a 90° cone of vision in both indoor and outdoor applications. According to Adrian Lloyd, Director of the USA Operations, "The FDS-301 boasts a much longer detection range than conventional flame detectors, thus providing our customers a substantial savings in installation costs." The sensitivity of MICROPACK Flame detectors are not affected by water on the optics, and are not blinded by contamination typically found in offshore environments.

"We provide Hazard detection solutions for the oil and gas industry", said Ray Hynds, Managing Director of the global corporation. "We believe in taking an informed approach to Flame Detection by engineering our Detector and CCTV Camera together to provide precise flame detection, and CCTV surveillance. This approach produces the safest and most advanced flame detection system available."

MICROPACK detectors are designed to easily interface with a MICROPACK Control System or interface through the plant wide Distributed Control System. This provides the operator with full display and alarm handling facilities and live video images in the central control room. The level of information provided has encouraged major operators to implement this technology in un-manned installations both on and off shore. The live video display allows operators to see a hazard develop. The surveillance aspect of the detector eliminates the need to dispatch operators to investigate alarms, as the live video images are viewed directly in the control room. This reduces the risk of injury to operators and improves response time.





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The technology advancements of Visual Flame Detection over conventional radiant energy type flame detectors is fully proven, with thousands of devices installed in some of the harshest environments in the world, without nuisance alarms. What was once considered new technology is now at the forefront of advanced fire detection practice, with a service history that stretches back over ten years.

Proven reliable and robust, even in the harshest of environments, MICROPACK's technologically advanced features continue to be unrivalled in the marketplace.

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About MICROPACK

MICROPACK Americas is part of the worldwide MICROPACK (Engineering) Ltd. group located in Scotland. The company has operations in the UK and Europe, Americas and Asia.

For over 20 years, MICROPACK has been actively working with the oil & gas industry, and today is recognized as experts in hazard detection technologies. In addition to pioneering the field of optical fire and gas detection, MICROPACK is also experienced in fire research work and the effects of offshore environmental conditions on optical detection methods, which lead to the development of a range of mapping tools to measure the performance of fire and gas detection systems. MICROPACK applies its unique expertise and technology in its own range of products, including the CCTV Visual Flame Detection System.

