

Press Release

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Dräger UCF 6000 and UCF 7000

A new generation of thermal imaging cameras

Lübeck - At this year's Interschutz, Dräger presents a new generation of thermal imaging cameras. The UCF 6000 and the UCF 7000 have a large number of new features and enable intuitive operation. The UCF 7000 is the first Dräger thermal imaging camera designed to gain ATEX approval. Therefore it can even be used in areas with a risk of explosive atmospheres. The UCF 6000 and the UCF 7000 are expected to be available in the fourth quarter of 2010.

If fire, smoke and darkness complicate the operation, the thermal imaging cameras from Dräger offer vital guidance and contribute significantly to improve the firefighting mission. With this in mind, Dräger has expanded the existing camera family. Firefighters face different challenges. With the help of new features such as an accurate assessment of the situation in fires or during search and retrieval of injured persons are enhanced with the cameras new technology. The UCF 6000 and the UCF 7000 produce images of objects or bodies for which the thermal radiation is invisible to the human eye. In these images, the cameras capture temperature ranges from -40°C to 1000°C.

Innovative features for various applications

Conception and design of the new imaging camera family were adapted to enable single-handed camera operation. Fire fighters will especially benefit from this feature when crawling. The weight of only 1.3 kg and a variety of carrying options simplify transport and application of the new thermal imaging cameras. When fast-timing risk situations require quick modifications, the operating mode can be adjusted to the new situation by the touch of a button. The user can choose up to three additional settings; one of them is for example "thermal scan" to detect hot spots or people.

The UCF thermal imaging cameras offer an integrated laser pointer in order to communicate quickly with each other and to bring attention to hazards. It can be used as an extended index finger and allows a clear and time saving communication within the rest of the team.

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A clear vision and a sharp eye

The new Dräger thermal imaging cameras offer a resolution of 160 x 120 pixels. The UCF 7000 also has an integrated dual zoom for the safe approach to the danger point. Should the situation be confusing or visibility limited, the new UCF thermal imaging cameras enable the still image function, "freezing", as well as a "look around the corner". For documentation and training purposes, the UCF 7000 offers integrated video, sound recording and the ability to capture individual images.

Thanks to their robust housing, the UCF thermal imaging cameras are passing the flame exposure test NFPA 1801 and withstand extreme conditions. Because of their protection class IP 67, water and dust can not harm the device. And because of constructive and circuitry measures the UCF 7000 cannot become a source of ignition. Therefore it is intrinsically safe. The approval for hazardous areas including zone 1 according to the ATEX directive 94/9/EC should be completed when the product is launched on the market.

In addition, another model of the new camera family is under development. It will offer higher resolution and have even more features.

The UCF 6000 and the UCF 7000 are manufactured by Dräger Safety AG & Co. KGaA.

Dräger. Technology for Life®

Drägerwerk AG & Co. KGaA is an International leader in medical and safety technologies. Dräger products protect, support and save lives. Founded in 1889, Dräger made worldwide sales of about € 1.9 billion in 2009. The company with headquarters in Lübeck, Germany, has offices in more than 190 countries and employs about 11,000 people. For more information: www.draeger.com

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