

## Dräger UCF® 6000 Thermal Imaging Camera

Missing important details at a fire scene can place lives at risk. But fire, smoke and darkness make visibility and navigation difficult. The UCF® 6000 thermal imaging camera gives you valuable information in hazardous situations. The UCF® 6000 is extremely easy to use and designed to be operated with one hand.



## Benefits

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### Stay one step ahead

Whether performing search and rescue, finding hotspots, or locating potential hazards, the Dräger UCF 6000 is the ideal thermal imaging camera. Meeting the diverse needs of today's firefighters, the UCF 6000 is equipped with a host of innovative features designed to optimize image quality, simplify operation, improve ergonomics, and expand the features to provide a wider range of benefits. The result is an innovative and rugged thermal imaging camera that combines accurate, reliable performance with ease of use in the most challenging situations.

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### Reliable and rugged

Even in the most hostile environments, where other imaging cameras fail, the UCF 6000 can be depended on to provide critical information quickly and easily, enabling firefighters to focus more on their actions and less on their equipment. The Dräger UCF 6000 is equipped with an extremely rugged and durable housing that resists heat, water, smoke, and dust. This enables the UCF 6000 to withstand the rigors of firefighting including damage from accidental drops and fumbles. Additionally, modern lithium-ion battery technology powers the UCF 6000 for up to 4 hours. This extended period of operation simplifies use and gives peace of mind during extended firefighting operations.

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### Convenient operation

As a true one-handed thermal imaging camera, the Dräger UCF 6000 means the other hand is always free when the user needs it. This ease of use is an invaluable benefit, adding safety as well as freedom of movement. The compact UCF 6000 weighs only 3.1 lbs, making the camera easy to operate without excess fatigue during extended firefighting operations. The intuitive design of the camera means there's less distraction for the user in difficult and stressful situations.

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### Extensive range of accessories

The Dräger UCF 6000 is shipped complete with USB cable, attachable "crawling plate", and PC software CD.

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### Improved viewing

The Dräger UCF 6000 provides excellent image quality in settings where fire, smoke, and darkness make visibility extremely limited and navigation difficult. A resolution of 160 x 120 pixels and a wide field of view (47°) provide the necessary image sharpness and dynamic range to stay safe—and get the job done right. The UCF 6000 also features a new adaptive brightness sensor, so firefighters no longer have to "shadow" the display when operating the camera in direct sunlight. The UCF 6000 also has the ability to provide high-quality images across a broader temperature range. By providing clear and consistent imaging, the UCF 6000 makes it possible to accurately and quickly scan rooms and the surrounding vicinity in situations where every second counts.

## Benefits

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### Expanded utility

To aid communication among firefighters, the integrated laser pointing feature allows users to point to hotspots and other areas of concern without changing their grip on other equipment. This enables the user to illustrate a recommended “plan of attack” to fellow firefighters. The enhanced dynamic range of the UCF 6000 optimizes resolution at high temperatures and makes it possible for firefighters to quickly identify cooler objects, such as victims and other firefighters, within the immediate vicinity of a fire.

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### Standard USB interface

The Dräger UCF 6000 is provided with a USB 2.0 interface, which making it possible to configure the camera.

## Accessories

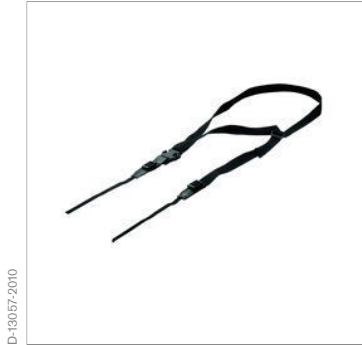


D-10833-2011

### Transport case

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## Accessories



D-13057-2010

### Neck Strap

For carrying during use



D-13064-2010

### Battery charger

For simultaneously charging the battery of the camera and a separate battery



D-13071-2010

### Retractable Lanyard

For fixation on the breathing apparatus



D-6596-2011

### Vehicle Installation Kit

For storing and simultaneously charging the battery of the camera and a separate battery in a vehicle

## Services



D-19071-2016

### Dräger Service

With Dräger's service solutions, you get complete peace of mind and budget security knowing that your safety equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the devices you depend on operating at peak performance and to always put the safety of your team first. That's the Dräger Service Advantage.

## Related Products



D-13225-2010

### Dräger UCF® 7000

Today, any call could potentially bring you into a hazardous area. The Dräger UCF® 7000 thermal imaging camera is intrinsically safe and offers new levels of security and reliability in potentially hazardous settings. Technologically advanced yet easy to use with one hand, the UCF® 7000 gives you peace of mind with rapid, accurate and clear imaging in any situation.



D-5965-2014

### Dräger UCF® 8000 NFPA Certified

Fires and other hazardous environments pose unseen challenges and dangers. Now you can know before you go with the Dräger UCF 8000 thermal imaging camera. With first-rate image quality and precision, this NFPA 1801-2013 certified camera is intrinsically safe and approved for use in potentially explosive atmospheres.

## Related Products



D-62872-2-012

### **Dräger UCF® 9000 NFPA Certified**

When you enter an unknown environment, you need all the information you can get—as quickly and easily as possible. The Dräger UCF® 9000 is an intrinsically safe, NFPA 1801-2013 certified thermal imaging camera that produces videos and high-resolution digital images for complex firefighting operations, search and rescue, hazmat and more.

## Technical Data

### Dräger UCF® 6000

Dimensions of camera (W x H x D)	4.92 x 11 x 4.33 inches (125 x 280 x 110 mm)
Weight	3.1 lbs (1.4 kg) including battery
<b>Display</b>	
Technology	Liquid crystal display (LCD)
Size (diagonal)	3.5 inches (9 cm)
<b>Housing</b>	
Protection cover	Rubber material EPDM
Carrying loops	High-temperature resistant material
Housing material	High-temperature resistant plastic
Protection class	IP67
<b>Infrared-specifications</b>	
Type of sensor	a-Si Microbolometer Array
Resolution	160 x 120 pixels
IR spectral	7 to 14 µm
Temperature sensitivity	Approximately 0.063°F (0.035°C)
Picture frequency	50 Hz
<b>Optics</b>	
Material	Germanium
Focus	From 3.28 ft (1 m) to infinity
Field of view	Horizontal: 47° / Vertical: 32° / Diagonal 62°
<b>Operation</b>	
Operation time (at 73.4°F/23°C) with battery	Approximately 4 hours
Temperature measurement	Digital temperature display: -40°F to 1,832°F (-40°C to 1,000°C)
Operating temperature	-40°F to 185°F (-40°C to 85°C)
Battery technology	Rechargeable li-ion batteries
Battery display	Precise 4-level battery indicator

## Ordering Information

### Dräger UCF® 6000

Dräger UCF® 6000 (50 Hz)	83 24 882
<b>Accessories</b>	
Transport case	83 21 099
Neck strap	83 23 031
Retractable lanyard	83 23 032
Hand support loop	83 23 033
Lithium-Ion battery	83 21 242
Battery charger	83 21 247
Power supply for charger	83 16 994
Truck charging kit (bracket and 12-30 V-cable)	83 21 253
Section tripod, e.g. to mount on vehicle roof	83 23 070
Tripod	83 21 254
Universal clamp	83 21 259

## Ordering Information

### Included in scope of delivery

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Thermal Imaging Camera with integrated laser pointer and snapshot function, 1 Li-Ion battery, 1 charger, USB-cable, detachable crawling plate, PC-software, instructions for use and brief instructions.

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