

Dräger Talisman Elite Lite Thermal Imaging Camera

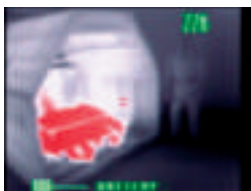


ST-407/2004



ST-435/2004

Talisman Elite Lite.



ST-453/2004

Transparent color imaging.

Talisman Elite Lite – the new compact, lightweight and innovative thermal imaging camera for fire-fighting operations. Talisman Elite Lite is trend-setting and offers state-of-the-art sensor technology combined with outstanding picture quality and various features. Like the successful Talisman Elite, the Elite Lite as well offers transparent colour imaging as a standard feature.

With the transparent colour function the hot areas are highlighted in the picture thus showing the fire-fighter the danger zones. At the same time providing the user details to base his decision upon. The temperature measurement with digital readout is available as an option.

The big LCD display shows you the clear and detailed images of the new a-Si Microbolometer sensor. The specially developed digital image processing provides you with optimized images independent of the fire fighting scenery.

Talisman Elite Lite is very light and surprises the user with its handiness, robustness and easy operation. Transmitter systems for wireless transmission of the thermal images with excellent image quality and a wide range are available on request.

Receiver stations with and without monitor and various accessories complete the Elite Lite Range.

Benefits:

1. Compact, lightweight and innovative Microbolometer camera
2. Transparent colour function (Heat -seeker)
3. Integrated temperature measurement with digital readout (optionally)
4. Very robust – withstands 1.5 m drop test
5. Outstanding battery operating time of up to 7 hours
6. Fully automatic operation / very easy to use

Dräger Talisman Elite Lite - another Dräger Safety top quality product.

TECHNICAL DATA

Dimensions	185 x 130 x 150 mm
Weight (w/o battery)	1.2 kg
Sensor type	a-Si Microbolometer, 160 x 120 pixel
Spectral range	8 - 14 mm
Sensitivity	50 mK
Dynamic range	automatically controlled and optimized
Display / size	high brightness LCD (wide angle) / 90 mm (3.5")
Power supply	NiMH rechargeable batteries or battery cassette for alkaline batteries (type AA)
Operating period	up to 4 hours with Super Cell rechargeable battery up to 7 hours with Super Cell Plus rechargeable battery, up to 2 hours (with battery cartridge)
Maximum ambient temperature	up to 450 °C (short time)
Drop test	1.5 m
Sealing	in accordance with IP 67 (water immersion up to 1 m depth)
Field of view	50 ° minimum
Focus	automatic, 1 m to infinity
Video output / signal	PAL (625 lines / 50 Hz) or NTSC (525 lines / 60 Hz)
Electromagnetic compatibility	CE in accordance with EU directive 89/336
Housing flammability	in accordance with UL 94 VO, NFPA flammability test
Temperature measurement	yes, optionally with digital display 0-400 °C
Transparent Color (DTC)	yes, standard
Operating modes	fully automatic, two-stage (normal and FW mode)
Low battery warning	yes, visually on display
Standard delivery (basic unit)	1 Elite Lite with Transparent Colour Function, Transport case, 2 NiMH rechargeable batteries (Super Cell), 1 Lanyard, 1 Battery charger, 1 Instructions for use
Further options and accessories	Temperature measurement with digital readout, Transmitter System with various receiver stations (e.g. Laptop-Receiver station with integrated rechargeable battery + Monitor), 12 V or 24 V In-Car-Charger, Super Cell Plus rechargeable batteries for extended operating time, Battery cartridge for 10 x AA Batteries, Pistol or Action grip, Anti-glare Shield, retractable lanyard, magnetic roof antenna etc.



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