

THERMAL IMAGING HELMET CAMERA

active head-up



- Keep firemen's hands free
- Full freedom of head movement
- State-of-the-art sensor technique: bolometer technology
- Compact, lightweight and extremely robust

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The thermal imaging helmet camera active head-up enables to see in dark or smoked filled environments without reduction of the natural visual field. The modern design of the camera guarantees freedom of head

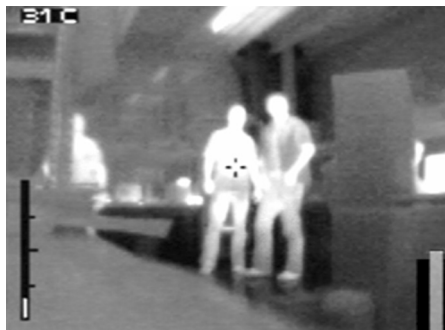
movement. It takes less than 30 seconds to fasten the camera on the helmet.

Technical Data:

Weight	approx. 1,5 kg incl. batteries
Power supply	3 AA 1,5V alkali-manganese dry batteries
Power consumption	1,0 W / 4,5 V
Runtime	approx. 180 minutes
Sensor	State-of-the-art bolometer technology – amorphous silicon
Lens system	germanium lens f/1.0
Resolution	0,1 °C thermal resolution IR range 8 – 14 µm
Range	optimized for distances between 0.5 and 15 metres
Viewing angle	horizontal 55°, vertical 35°
Power-up delay	typically less than 5 sec.
Storage	25°C, temporarily between -10°C and 70°C
Sealing	water- and dust-protected according to EN 60259 and IP67
Housing	high impact surface materials, shock and high-temperature resistant

Option: Spot Temperature Measurement

To gauge the superficial temperature of an object by the infrared thermal imaging sensor. The result of the gauging is shown in a numeric form and in form of a measuring bar in the thermal imaging display.



Option: Radio Transmission

The **transmitter** is clasped on the helmet (weight of the transmitter: 175 g). The nominal range is approximately 400 metres, line of sight. The frequency is 2,4 GHz.

Receiver:

PC interface	USB
Video output	optional
Weight	approx. 280 g
Dimensions	134 x 95 x 47 mm

Order-Information:

Order no.:	Article
4033155	Helmet camera active head-up for all fire helmets type "Heros"
4033156	Helmet camera active head-up for all fire helmets type "Gallert"
4033158	Helmet camera active head-up with radio transmission (incl. transmitter and receiver)
4033157	Spot temperature measurement for helmet camera active head-up



Scope of delivery:

Trunk with foam-filling for the camera
Infrared thermal imaging helmet camera active head-up
3 dry batteries AA 1,5 V alkali-manganese
Optic cleaning cloth
User information and guarantee card



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