

TruckSAFE Comfort Parking



The Sicherheitskonzept

The security systems

"Thermo- u. ThermoFlyCom" "

With mobile handheld devices and thermal cameras pre-mounted on drones, we can record and evaluate the finest temperature fluctuations in conjunction with a sophisticated computer system and sensitive, intelligent software. This allows additional risk factors to be identified at an early stage. The system is supported by microwave, UV and infrared sensors to ensure all-round protection.

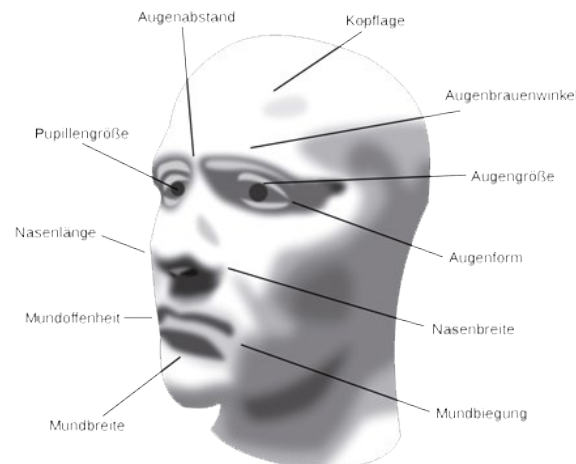
In addition to material, gaseous and chemical substances, such as, for example, narcotic gases, drugs, explosives, weapons, etc., the detectable risk factors are also tense situations, such as increased willingness to use violence and/or alcohol consumption, fear, panic, etc.

Human ethology *

Human ethology is a department of ethology that deals with proximal, i.e. direct characteristics human behavior and its deeper Causes dealt with.

Prosody classification * *

Automatic detection of set mode accent and Phrase boundaries in a speech-understanding system.



"Thermo- u. ThermoFlyCom

The hand-held thermal monitoring devices are professional thermal imaging cameras with infrared and microwave sensors, which can optionally be supplemented with human ethological software.

Details on the deployment models:

With a temperature measuring range from -20 ° C to + 600 ° C, a therm. Sensitivity of only 0.05 ° C (at 30 ° C) and a detector resolution of 384 x 288 pixels, this thermal imaging camera trumps very large.

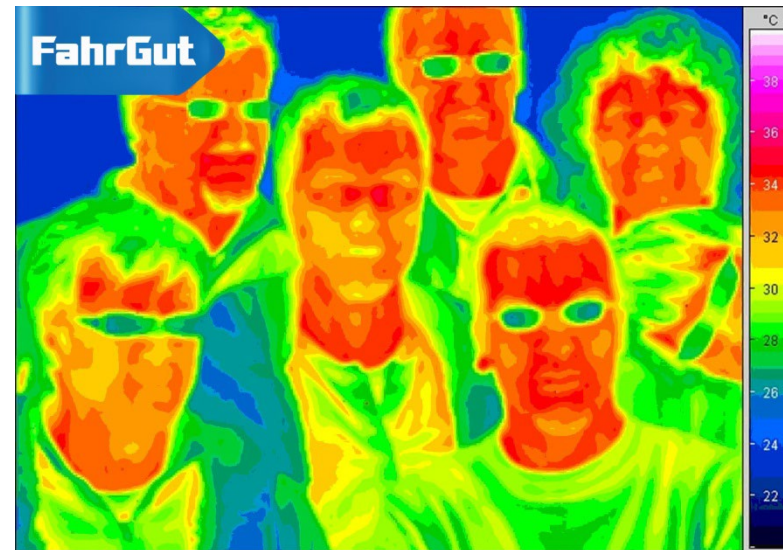
These thermal cameras feature a real image camera, a photo light and DuoVision display options for real-time display of superimposed infrared and real image.

Advantages for practice:

1. Fully radiometric IR cameras from original EU production
2. 50 Hz real-time measurement and real-time image reproduction guarantee clear, high Qualitative thermal images
3. High thermal sensitivity
4. High geometric resolution
5. Precise temperature measurement on the whole picture
6. Dual button touch display control
7. 5-megapixel digital camera for brilliant real image recording
8. Robust, shock-proof design in two-component design with protection class IP54
9. Folding 3.5 inch touch color display
10. DuoVision function for picture-in-picture display
11. Integrated laser pointer
12. Diverse measuring functions
13. Bluetooth voice recording possible (optional)
- 14.



"Thermo- u. ThermoFlyCom



Recordings of students with the thermal imaging camera. Already here, the individual facial parameters be recognized quickly. Fear, stress and aggression can be assigned with the appropriate software.



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The drones in question are professional precision drones with additional rotors, which are used, among other things, for surveying and search. They also easily raise heavy equipment. Created for practice, they can therefore be equipped with thermal monitoring in the form of professional thermal imaging cameras with infrared and microwave sensors, which can optionally be supplemented with human ethological software. In addition, these drones can also be supplemented with real image and UV cameras. **Optionally, the drones can be programmed for fixed flight paths and times with fully automated take-off and landing maneuvers. A fully automated algorithm in the temporal sequences makes the system almost unassailable.**

Details on the deployment models:

With a lifting power of up to 40 KG and a flight time of up to 360 minutes, the drones in question are particularly suitable for monitoring the forest edges, which are usually adjacent to the rest areas.



"Safety ONE & Safety TWO"

In addition to mobile central units with extended functions, the protection of adjacent residential areas and major events is also envisaged as additional measures. As a result, not only sceptics and doubters with regard to the transport industry can be convinced of this concept, but even an increase in advocates for new parking and parking spaces can be won.

In the following examples we want to show you how the mobile central units can be used operationally and what effect they have on the public.

The mobile central units

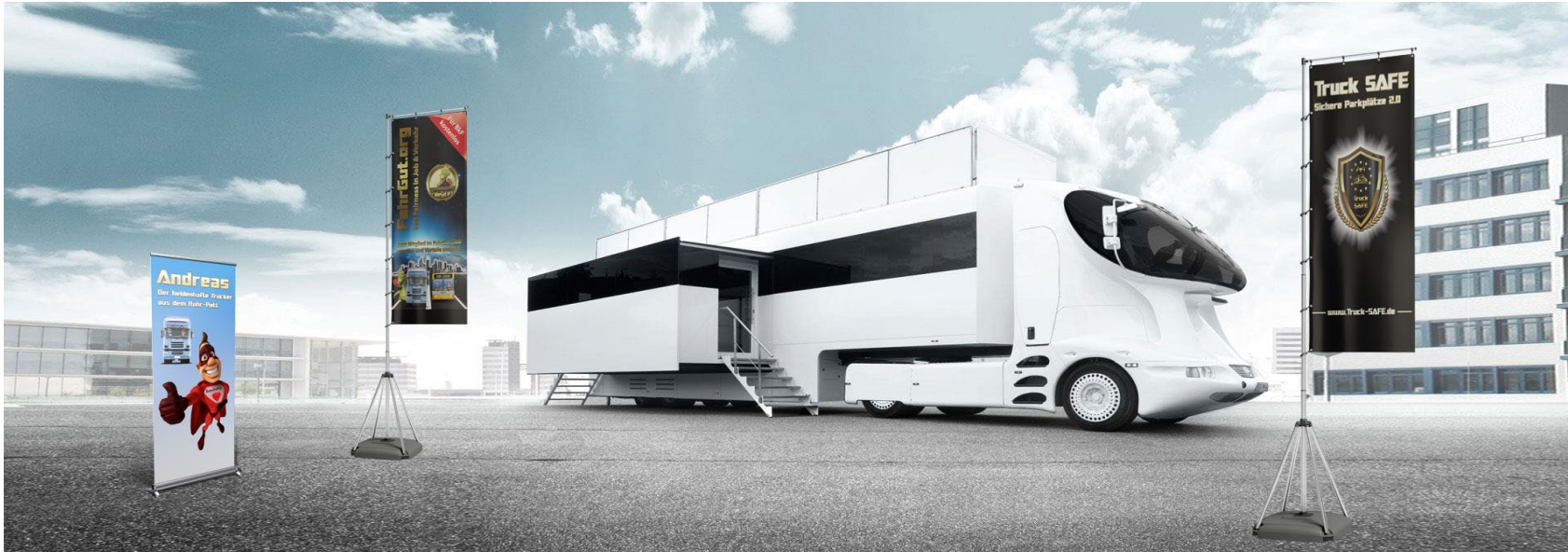


An event and show truck that is as representative as possible should be reassuring and at the same time future-oriented operate as well as distract from its main tasks.



"Safety ONE & Safety TWO"

The mobile central unit Safety ONE in detail:



In addition to an innovative operation and monitoring device, the trailer contains 5 - 6 take-off and landing sites for the octocopters described in the concept, including charging stations. A central unit is the central office for approx. 20 - 25 parking facilities in the respective region. The standard crew of each central unit "Safety ONE" consists of 3 employees. These could also be used in the short term for large-scale events and demonstrations in order to act as terror prevention and to prevent hazards from hazards and/or dangerous substances.

to be excluded. See "ThermoFly and ThermoCom!"

In addition, 10 trucks will be available as a reserve.



"Safety ONE & Safety TWO"

The mobile central unit Safety TWO in detail:



Even the little brother of the "Safety ONE" should operate calming and at the same time future-oriented and distract from his main tasks

In the central unit "Safety TWO," in addition to an innovative operation and monitoring device, there are 2 take-off and landing sites for the octocopters described in the concept, including charging stations. A central unit "Safety TWO" is designed as a short-term central station for approx. 8 - 10 parking facilities in the respective region. The standard crew of each central unit "TWO" consists of 2 employees. These could also be used at short notice for major events and demonstrations in order to act as a terror prevention and to exclude hazards from hazards and/or dangerous substances. See "ThermoFly and ThermoCom!"



"Safety ONE & Safety TWO"

Electronically controlled emergency lock in detail:



As additional protection for the surrounding area as well as for the park area, an electronically controlled emergency lock with a width of 4 meters is to be placed in the rear area of each TruckSAFE area within the continuous enclosure. This should normally be locked and can be opened in an emergency, e.g. in the event of a disaster, by the respective watchman.

In order to be able to maintain an overview even in an emergency, the above-mentioned emergency lock is additionally secured with inconspicuously placed high-resolution video thermal cameras and video cameras with facial recognition.



Thank you for your
Attention



You

Jörg Kibbat from BGV/FahrGut