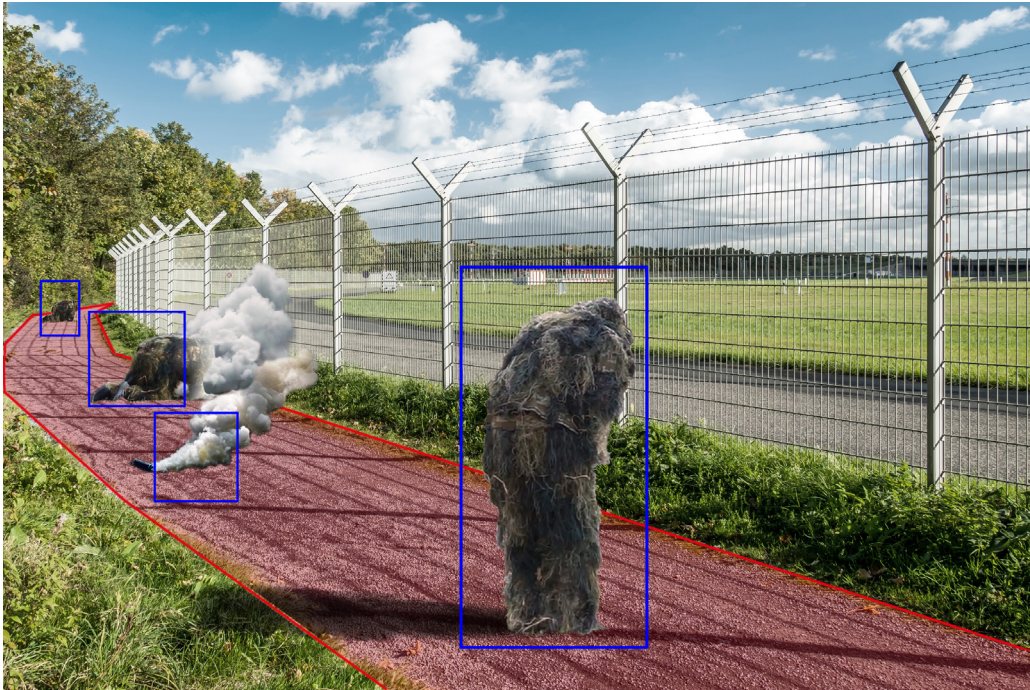


AI Perimeter App Package

EdgeAnalytics AI Perimeter App for the definition of sterile zones and reporting of intruders based on the neural network AI Perimeter for object classification of people with unusual body postures



The AI Perimeter App and the AI Extended Tamper Detection App as well as the underlying neural AI Perimeter Network, are designed for the video-based protection of sensitive areas where attacks by well-prepared groups of perpetrators are expected. Typical use cases include securing the perimeter of factory premises, logistics centers or airports.

AI Perimeter App

The AI Perimeter App is specifically designed to meet the needs of perimeter protection. It allows the definition of specially protected areas (sterile zone) with pre-zones. When relevant objects (people, vehicles, etc.) enter these zones, it allows the escalation of appropriate messages to draw the operators' attention to the most important events.

AI Perimeter Object Classification

The AI Perimeter neural network is specifically designed to detect attacks by well-prepared groups of perpetrators. It reliably detects people with unusual body postures (bent over, squatting, lying down) and movement patterns (very slow, very fast, crawling, creeping, rolling). The type of clothing (light, dark) is irrelevant and the network has been intensively trained to detect people in camouflage suits (British Smock, Camouflage Central Europe, Ghillie etc.).

AI Extended Tamper Detection App

The extended AI Tamper Detection App supports the detection of tampering attempts that are typically expected at a perimeter. In addition to the classic approaches (twisting, defocusing, spraying and covering the camera or IR illumination) the blinding of the camera (laser pointer, flashlight, strobe light) is also reliably detected. Indirect tampering through the use of pyrotechnics (fog grenades, smoke pots) is also detected and alerted.

Compatibility

The AI Perimeter App and the associated AI Perimeter neural network have been developed together with the AI Extended Tamper Detection App for the innovative Panomera® S4 Perimeter. However, all components of this package can also be used with the current Domera® cameras of the RDF6000 series and with all Panomera® S4 and 8 (MK2) cameras.

Licensing

The AI Perimeter App and the AI Extended Tamper Detection App are activated after entering the corresponding license code on the camera¹⁾. The neural AI Perimeter network must be installed additionally after licensing.

Note for the App

The AI Perimeter App cannot be used simultaneously with the EdgeAnalytics AI Essential Apps. However, switching between the two operating modes is supported.

Note for the Net

The neural AI High Resolution Counting network requires visual conditions for object recognition that are comparable to human perception. Deviating results are to be expected in unfavorable lighting conditions or when people are heavily obscured.

1) The AI Perimeter App and the AI Extended Tamper Detection App can be used independently. A license for the EdgeAnalytics AI Essential Apps is not required.

AI Perimeter App Package

EdgeAnalytics AI Perimeter App for the definition of sterile zones and reporting of intruders based on the neural network AI Perimeter for object classification of people with unusual body postures

License	
009336	DLC - Domera® AI Perimeter App Package License for the use of the neural network AI Perimeter for the object classification of persons (also with unusual posture, movement type and clothing), cars, large vehicles and two-wheelers. License for the use of the EdgeAnalytics AI Perimeter App with protected areas, pre-zones and escalation of messages based on object classification. License for the use of the EdgeAnalytics AI Extended Tamper App with advanced tamper detection based on changes of the captured scene.
009291	DLC - Panomera® S4 AI Perimeter App Package License for the use of the neural network AI Perimeter for the object classification of persons (also with unusual posture, movement type and clothing), cars, large vehicles and two-wheelers. License for the use of the EdgeAnalytics AI Perimeter App with protected areas, pre-zones and escalation of messages based on object classification. License for the use of the EdgeAnalytics AI Extended Tamper App with advanced tamper detection based on changes of the captured scene.
009337	DLC - Panomera® S8 AI Perimeter App Package License for the use of the neural network AI Perimeter for the object classification of persons (also with unusual posture, movement type and clothing), cars, large vehicles and two-wheelers. License for the use of the EdgeAnalytics AI Perimeter App with protected areas, pre-zones and escalation of messages based on object classification. License for the use of the EdgeAnalytics AI Extended Tamper App with advanced tamper detection based on changes of the captured scene.

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See more.