



Autonomous Drone

Autonomous Security Drone

Eyes in the Sky

Observing, monitoring and inspecting an infrastructure or large area can be done in different ways. Many of these observation methods are limited by the stationary location of the cameras. For large areas, air surveillance can be carried out by helicopter, although this is very expensive.

The deployment of an autonomous drone does not require a pilot or spotter and the images of the drone can be viewed in real time from the control room. In addition, a drone is very quickly on-site in case of emergencies. We can all imagine the advantages by using a drone in surveillance. The view from above gives a large overview, has a deterrent effect and you have camera surveillance everywhere no matter the ground structure.

The autonomous drone offers the ideal solution to the limitations of other surveillance methods.

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Cameras

The autonomous surveillance drone is standard equipped with two different cameras. These cameras provide a wide field of view from the air and give an overall view of the terrain without blind spots. The thermal camera makes it possible to detect people in the dark or in case of smoke, the 4K- camera has a powerful optical zoom of 20x by day and 12x digital.

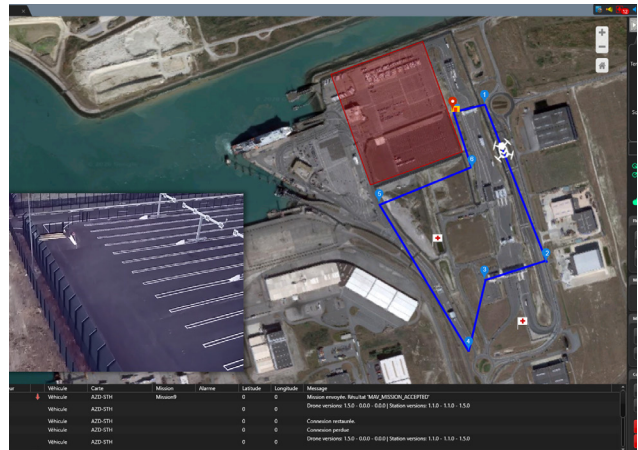


Application

The drone performs autonomous scans and sends real-time information to a control room. This enhances safety, increases efficiency, and reduces risks for workers. The 'Gas Sniffer' solution uses advanced sensors and algorithms to identify gases like methane and carbon monoxide. This technology contributes to environmental protection by reducing uncontrolled gas emissions.

Integration

The operation of a drone takes place from a control room. Operating the system does not require a drone pilot certification, just a short user-training. This allows users to improve their security whilst operation costs remain low. A Drone complements existing Genetec or Milestone security systems and can be used to perform specific checks, perimeter patrols, inspections or assist security teams during an intervention.



Safety

The drone is designed for autonomous flights so security must be well guaranteed. The solutions are solid and well developed. The drone is equipped with a parachute, which minimizes the impact in the event of an unintended failure. This autonomous drone is fully NDAA approved and is manufactured in France.

For more information, please visit www.bavak.com

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