

Opgal's multi-sensor camera systems deliver reliable performance, providing effective perimeter security at airports. The systems are designed to enable smooth integration with other security systems.



Security Challenges at Airports

Despite heightened security, airports still represent an attractive target for terrorist organizations. The large areas, multiple buildings, continuous air and ground traffic, and constant flow of people make effective round-the-clock monitoring a major challenge. The storage of goods also represents an attractive target for thieves, who seek to take advantage of darkness and bad weather conditions to slip past conventional security systems. That's where thermal camera systems have a critical role to play – locating breaches in security and identifying threats before they turn into a fully-fledged security incident and damage is caused.

Opgal utilizes its extensive experience in securing perimeters to protect airports in Belgium, Romania, India, Poland, France, Hungary, and Greece, developing effective systems that provide round-the-clock protection.

No two airports are alike: the geographical location, local weather conditions, airport size and layout, daily traffic, and numerous other factors require a tailored solution that takes each airport's specific security challenges into consideration. Camera placement is based on all these factors. Cameras are placed at specific heights and distances to ensure that there are no loopholes in the perimeter coverage. To ensure 24/7 coverage, multi-sensor systems are used – CCD cameras for use during the day and thermal cameras for use in bad weather and at night.

Summary

Over the past few years, Opgal's systems have proven their effectiveness worldwide. In one notable case in 2014, the system successfully identified intruders trying to penetrate an airport perimeter in Europe. Had conventional systems monitored the scene, the intruder would have slipped through the perimeter without detection. There's no substitute for proven on-the-job experience. That's where Vumii makes the difference.



Selecting Thermal Cameras

For effective security, a combination of fixed Sii AT thermal cameras for short-range coverage coupled with multi-sensor Accuracii XRUs for long range 360° coverage is recommended. The Accuracii XRU uncooled system delivers performance comparable to that of cooled systems, offering the best of both worlds. Opgal systems provide unmatched image quality – better signal to noise ratio provides more accurate, higher processing capability, and delivers better range and no false alarms.

