

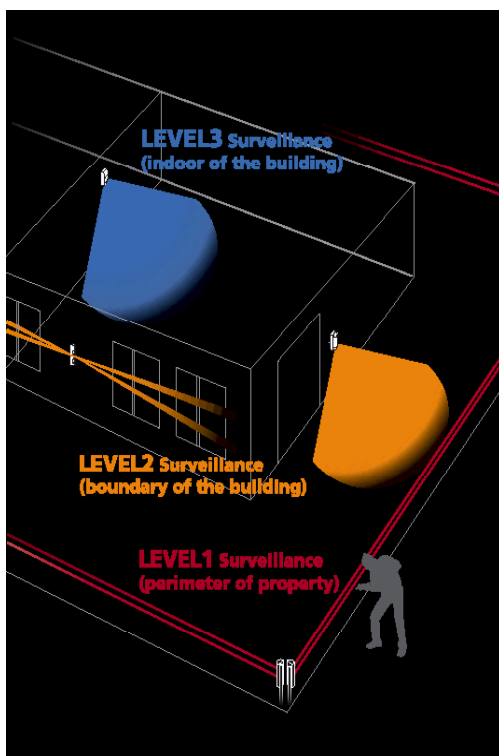
Outdoor Security Considerations from Optex

We all have a right to the security of our person and property, but this right is now under threat. As burglary and various other property crimes have increased, the general public has gained a greater awareness of the need for enhanced security.

LEVEL SURVEILLANCE

When a general-purpose mechanical security system is installed, detectors are located inside a building and a monitoring station is notified if an intruder is detected within.

In order to increase the effectiveness of such a security system, Optex recommends not only securing the inside of the building but also adding surveillance to the perimeter area and boundary of the property. Optex has developed a system of enhanced outdoor surveillance that is capable of forestalling unauthorized entry into a building. By integrating outdoor and indoor surveillance, this system creates a defense line incorporating three warning levels targeting the perimeter of the property, the boundary of the building, and the indoor area. As a result, we can greatly strengthen and improve crime prevention.



Level 1 Surveillance (perimeter of the property)

Monitor the perimeter whole region of a property to forestall any intrusion. It is suitable to build line protection with photoelectric detector because products installed in this location require the steadfast performance in which a false alarm is not taken out. This is the “ first line of defense “. In addition, detectors can be linked to cameras and images captured by camera are recorded as photo evidence effectively.

Level 2 Surveillance (boundary of the building)

Monitors the boundary of the building. In case of the intruder steps across the fence and so on, wide area surveillance with passive infrared detector is recommended rather than photoelectric detector which makes narrow area surveillance. It is also available to give warning strongly with a sound, a light, or a siren to an intruder. In addition, detectors are linked to cameras and images are transmitted to the monitoring station, compelling potential intruders to leave.

Level 3 Surveillance (indoor of the building)

These alarms challenge intruders who breach Level 1 and Level 2. This is the conventional system.

In this way, we can prevent criminal activity before it reaches door locks and windows by conducting surveillance according to the three steps. For facilities requiring high security, we can expect this approach to be effective at preventing unauthorized entrance to the premises and thereby halt criminal activity before it occurs.