

# INTRUDER DETECTION



## Time is money.

This dictum is particularly true for intruder detection since the most important factor in property protection and preventing crimes is the time available for prevention. It is crucial to verify the emergency alert and to immediately determine the type of intrusion to fend off the ongoing attack. Any delay may lead to tragic outcomes.

Traditional property protection devices (e.g. outdoor motion detectors or infra bars) may reliably detect intrusions, but they are incapable of giving any further information about the attack. This shortcoming and occasional false alarms necessitate the installation of video surveillance systems, which can provide the security staff with indispensable visual cues to give a proper response to the event.



Intellio's intelligent video surveillance system with on-board analytics (Video

Content Analytics - VCA) is the compact solution

for handling these issues. Intellio's intrusion protection solution analyzes camera feeds in real time detecting all unauthorized intrusion and automatically alarming the security personnel upon intrusion. High resolution megapixel images enable the guards to fight back the attack and protect the premise.

Intellio's intrusion protection utilizes high competence VCA algorithms to neutralize changing weather conditions (e.g. wind, snow, fog, light changes), categorize moving objects with virtually no false alarms and generate alerts based on predefined rules.

Intellio's intelligent intrusion detection system offers a more secure and complex solution than traditional devices.

Alarms for predefined categories: Intellio's intelligent cameras are capable of distinguishing between different object types and give



an alarm upon detecting predefined object types on the screen. The categories recognizable to the system: small animal (e.g. cats, dogs), human, vehicle.



**Perimeter protection:** Images from Intellio day and night cameras mounted along the perimeter allow for definition of a virtual line whose crossing generates an alert. This function can detect persons climbing over fences or drilling a hole and crawling through it.

**Area surveillance:** High resolution Intellio megapixel cameras allow for defining large areas in a simple way. The cameras can detect motion in the defined area, which makes it more simple to protect the surroundings of large buildings since an alert is sent to the guards of a security risk before any intrusion has occurred.

**Entrance verification:** Trespassing unauthorized areas automatically generates an instant alert. The entrance verification function allows protection of parking houses or monitoring of areas of motor traffic closed to pedestrians.

**Direction monitoring:** Intellio intelligent cameras are capable of monitoring the direction of motion of moving objects (e.g. cars, humans). The system sends an automatic alarm to the security personnel upon detecting object moving in unauthorized directions. Direction monitoring ensures that entrances are used for incoming and exits for outgoing traffic.

**IntelliZoom™:** By enabling the IntelliZoom features the Intellio intelligent cameras are becoming capable of managing an installed Speed Dome camera in the surveillance system by making it zoom onto and track any moving objects within the field of view. In case of an intrusion this allows the accurate tracing of the intruders' paths, thereby predicting their intentions, and most importantly, preventing potential damages.

