

Car Dealer parking lot in Tuscany Italy is protected by RISCO Group's WatchOUT™ Outdoor Detectors

Italian car dealers are frequently targeted by criminal organizations which use a variety of methods to steal new and used cars from large open parking lots of cars and vans.

The Challenge:

A major challenge faced the car dealers when choosing a security system, the parking lot is an open area of approx 30.000 m², and surrounded by a low metal fence.

The dealer was looking for a solution that will not only protect his property but also not cause false alarms. The factors he needed to consider were: securing a large open area, access of small animals into the car parking lot through the low fence which could not be blocked entirely, limited number of polls to install detectors on for full coverage, environmental conditions: the parking lot is fully exposed to the sun and wind gust and the ground was covered by gravel and soil



The Solution:

Considering all critical aspects, the ideal solution employed 35 WatchOUT detectors using wide-angle lens for area coverage and long-range lenses for the perimeter. WatchOUT includes unique sway recognition technology to confront environmental problems and Digital Correlation Technology to avoid Pet false alarms. The car dealer installed WatchOUT with Camera on the perimeter fences which were connected to CCTV system allowing the dealer to monitor the parking lot 24h a day.

The Strong Points:

The unique features of WatchOUT were the key factors to success:

- The Anti Collision MW enabled to installing up to 3 detectors on one pole thus obtaining 360° coverage without interferences.
- The Dirty Lens alert was essential since the area was covered with gravel and dust was constantly swept by strong winds.
- The Protection Hood was a very important factor for 24h reliability of the detectors, providing protection from sun, rain, snow, hail and birds.
- The Flexibility of mounting height (1.0m to 2.7m) enabled to complete coverage of the terrain.
- The Pet threshold feature enabled elimination of false alarms created by animals that could enter the premises through the fence.
- Active IR anti-mask and anti-vandal wire protection for all brackets enhanced the efficiency and reliability of the system.

Customer satisfaction:

The installation was completed in November 2006 and was fully operative after 10 days of technical testing with great satisfaction of the car dealer. The installer was able to meet the customer's requirements without difficulty, only exploiting the unique characteristics of WatchOUT.

