

Case Study

Lighting the way with radar

When DHTS Smart Homes managed services needed a safety solution for the multi-level underground car park at one of its exclusive developments in the heart of London, director Dave Hewett turned to AGD Systems for help.

The brief was to dynamically illuminate the pedestrian walkways as vehicles entered each level and keep the lights on until the danger of moving traffic on the ramp had passed.

“We needed to ensure any solution implemented would complement the high specifications of the site,” explains Dave Hewett. “The residents are all high net worth individuals with exacting standards.”

DHTS was looking for a system that was easy to install and maintain, and would fit unobtrusively into the environment. “Not only did the compact 318 Traffic Control Radar suit aesthetically, but AGD went out of their way to deliver an uncompromising finish by fabricating installation brackets and powder coating them in satin black,” he continues.

AGD commercial engineer Carl Jarvis, who designed the solution, comments: “This was a very unusual and challenging site, with various potential reflectors and fluorescent exit signs emitting a frequency that could interfere with the radar. However, the flexible configuration options on the 318 made it very straightforward to filter out unwanted detections.”

Leading light in radar

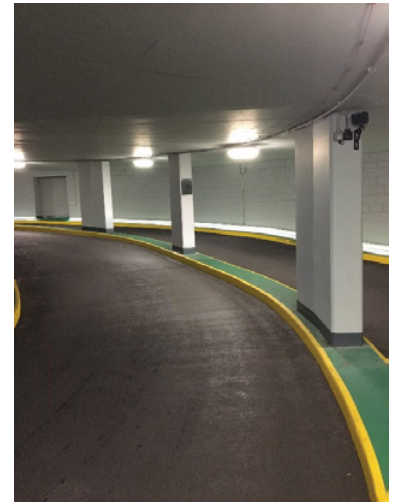
The AGD 318 is ideal for challenging environments where radar detection can be more difficult because of spurious detections. The ability to select tightly defined detection criteria means the false alarm rate is very low.

Non-intrusive, quick to install and maintenance-free, the 318 saves both time and money. Setup is easy, thanks to the wireless AGD Touch-setup, with a simple, user-friendly interface that helps ensure detections zones are positioned right first time and can be easily adjusted if required.

Using a laptop, a zone or virtual loop can be set up to detect up to 150m from the radar to look specifically for the pre-selected criteria.

The radar will provide a simple switched output into a system when a vehicle is detected and a hold facility keeps the detect state for the user-selected time period.

Dave and his team were more than happy with the performance of the 318 radar. “Carl had warned us that it was a difficult environment for radar to work in because of all the potential interference, so we were delighted when the 318 was able to give us seamless dynamic lighting control,” he concludes. “We would certainly consider AGD for future projects, and the 318 in particular should we come up against a similar problem in the future.”



AGD 318 lights the way

Traffic & Pedestrian Control



Highways



Enforcement



Tunnel & Track



safer, greener, more efficient