

Protecting Luxury 5 Star Hotel with LiDAR technology



Security in the hospitality industry is extremely important to ensure both guests and staff have a pleasant and safe experience. One of the most common crimes that takes place in hotels is theft and this can have a damaging effect on the hotel's economic performance and reputation. Therefore, it's essential to protect valuable stock and detect any potential thefts by having an effective security system.

The challenge

The Londoner hotel has six restaurant and bar areas in total with expensive whiskeys, wines and other drinks on display 24/7 with no shutters or coverings. Given the cumulative value of the drinks behind each bar, the hotel needed to find a security solution to keep its valuable stocks protected. The solution needed to be accurate and reliable, and capable of integrating with the hotel's existing security system, as well as being aesthetically discrete

The solution

OPTEx specified and installed its REDSCAN Mini RLS-2020I laser sensor in the ceiling at each of the seven bars. Using LiDAR technology, the RLS-2020 sensors provide a customisable 'virtual' wall or plane that cannot be seen by the naked eye with a 95-degree detection area of 20x20m or 30m radius detection range.

The RLS-2020I creates up to four independent detection zones with just one sensor which can all be individually customized. This makes it ideal for protecting specific areas like a valuable assets such as shelves storing expensive drinks or paintings

The sensor can be mounted to provide either horizontal or vertical detection making it also suitable for protecting skylights or entire walls.

Settings can be fully configured and optimized so business operations are not disturbed by false alarms while increasing detection accuracy. The RLS-2020I is a Grade 3 sensor meaning it provides high level security and is suitable for venues with valuable assets.

Customer comments

"We've worked with OPTEx for a number of years, and installed their technologies at a number of our other hotels in the group. For this new and hugely exciting project, there was nothing else on the market that met our brief. The OPTEx laser sensors are a simple, yet highly effective solution, providing the very highest level of detection that easily integrate with our wider security operation at the hotel." - Darren Carter, Group Director of Safety, Security and Sustainability at Edwardian Hotels London

REDSKAN Mini

The RLS-2020I is a compact grade 3 indoor LiDAR sensor which provides a customisable virtual wall or pane with a detection area up to 20mx20m to identify the presence of people or objects.



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