

Tower and Photoelectric Beam Perimeter Protection at a Resort Community



The Site

A gated, luxury motor coach resort community in the desert area of Southern California. The property features a clubhouse, fitness room, community pool, and 141 "Casitas": 1200sqft. custom built living spaces with waterfront motor coach pad.

The Challenge

Because most owners were on site only a portion of the year, the property faced an increasing issue with trespassers in the off- season months. The increase in trespassing also lead to an increase in vandalism and theft cases. The large perimeter, combined with the desert heat, required a robust, long distance solution that would stand up to the elements.

The Solution

The integrator collaborated with OPTEX to design a perimeter system addressing the site's challenges. Given the need for long-range detection and available power, hardwired AX-650TF beams (650ft range) were chosen. After consulting OPTEX, the integrator selected AX-TW200 photobeam towers. Using the customer's site plan, OPTEX pre-built and pre-mounted the beams at no extra cost. Once installed, the system triggered strobes and alerted guards to intrusions, drastically reducing trespassing, theft, and vandalism.

Beam Enclosures

The TW-Series beam enclosures are compatible with all OPTEX AX & SL Series infrared beams (wired, IP, and wireless), enhancing security and flexibility for perimeter protection.

