



Video Solutions for Security Professionals™

CASE STUDY



At a Glance:

Market:

Cities

Location:

Galveston Island, Texas

Application:

Eight gas stations install video surveillance to reduce vandalism and robberies

Case Study: Gas Stations Use IP Wireless Solutions Deters Crime

Introduction

Galveston Island is a popular tourist spot because of the beach lifestyle. Since it's a coastal city, drastic changes in the weather are always a concern for outdoor surveillance installations. The gas stations are popular targets for vandalism and robbery because of the large population and seasonal tourists. This project was to help ensure a reliable, and quality installation for eight gas stations on the island. The project included coverage of each pump with up to eight pumps at each station. Each of the canopies needed more than five cameras in order to cover each gas pump.

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Challenge

The NVR must be kept in a safe place such as the manager's office because of the drastic weather conditions, but also for the manager to monitor all the cameras positioned under the canopy. The issue was the manager's office was in a separate building which meant cameras could not be wired through the station canopy. That made it difficult to run cables to the manager's office.

Solution

After careful planning, LTS technicians worked closely with the installer to come up with a wireless solution. This solution consisted of a total of 45 IP Platinum Fixed Lens Turret Cameras 3.2MP, CMIP3032-28, with one Platinum Enterprise Level 16 Channel NVR 1.5U, LTN8816, used at each of the eight locations. A pair of Ubiquiti wireless nano station bridge was used to help connect the IP cameras to the NVR without having to run wires. These have the capability of transmitting signal distances up to 1000ft. The transmitter was on top of the manager's building and the receiver unit was installed on top of the canopy. These were easily installable with the built-in attached pole mounts on the back.

Featured Products:

(LTN8816) Platinum
Enterprise Level 16 Channel
NVR 1.5U

(CMIP3032-28) Platinum
Fixed Lens Turret IP Camera
3.2MP - 2.8mm



Results

In the end, the customer avoided spending additional expenses and labor on burying cables underneath the ground, or adding additional structures. LTS was able to provide a simplified solution, while still being reliable, which was cost effective.

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