

Internet Camera



“The TRENDnet IP camera installation has significantly reduced the number of incidences at two of the most popular beaches in the Dominican Republic. The Dominican National Police are highly satisfied with the installation and its results.”

Mr. Alessandro Salvati
President of Quasar Atlantic Dominicana

Challenge

To create an effective monitoring system and reduce the number of reported incidents at two of the Dominican Republic's most popular beaches.

Solution

The installation of a comprehensive TRENDnet surveillance system comprised of 50 Internet cameras providing 24 hour video surveillance and recording.



Internet Camera Server with Audio

TV-IP201



ProView Advanced Day/Night Internet Camera

TV-IP301

TRENDnet Internet Cameras Keep the Fun in the Dominican Republic Sun

The Challenge

The Dominican Republic's Ministry of Tourism claims its first tourist arrived in 1492 and went by the name of Christopher Columbus. In 2008, over 500 years later, the Caribbean's second largest country hosted over 3.4 million tourists. The island nation's mixture of sparkling white beaches, world-class leisure activities, remarkable cultural and historic attractions, exciting nightlife, and eco-adventures has attracted swarms of tourists from all five continents.

The majority of visitors travel directly from the airport to the country's famous beaches. Unfortunately, the number of beach incidents recorded by the Dominican National Police has steadily increased over the last decade. The National Police decided to take action by installing security cameras at two of its most popular beaches, Playa Bavaro and Playa Bayahibe.

The crowded beaches stretch out over 16 kilometers or 10 miles and experience extreme climate changes; daily temperatures fluctuate greatly, severe storms are common, hurricanes strike every few years, and the ever present Trade Winds stir up sand and dust.



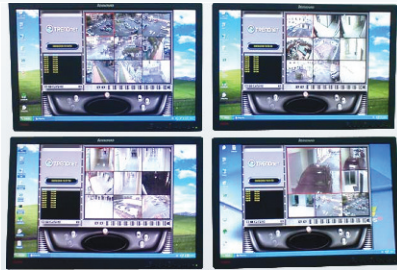
The government considered both traditional Closed Circuit Television (CCTV) and newer Internet Protocol (IP) Camera installations. Project leaders quickly determined that older CCTV technology was not well suited for this type of project. The National Police subsequently opened bidding for IP Camera solutions due to the fact that IP cameras could easily integrate with their existing networking infrastructure, use wireless technology to connect cameras over long distances, and offer advanced features such as motion detection recording and email alerts.



The Solution

The Dominican National Police awarded Quasar Atlantic Dominicana, a local Value Added Reseller, the task of designing a security camera installation that would provide 24 hour video surveillance of the highly popular Playa Bavaro and Playa Bayahibe. The Dominican National Police was primarily focused on project effectiveness, quality, and cost.

Quasar proceeded to design a surveillance installation plan consisting of 50 internet security cameras capturing high traffic beach areas and zones of reported high-incidents. Several Internet camera brands were considered for this



project. The National Police opted to install TRENDnet solutions based on TRENDnet's price-to-performance leadership, high quality and brand reputation.

The project required two weeks to install 10 ProView Advanced Day/Night Internet Cameras, model TV-IP301, and 40 Internet Camera Servers, model TV-IP201. The cameras were installed on the beaches, at beach access points, and at a police surveillance station. TRENDnet Internet cameras were mounted on fixtures such as beach observation decks, traffic poles, palm trees, and newly installed metal poles. Cameras were then networked to a central surveillance station using a mixture of wired and wireless networking solutions.

The National Police Department tested TRENDnet's complimentary IP View Pro management software, which is included with every TRENDnet camera. TRENDnet's software was quickly approved for use, thereby removing the need to purchase expensive 3rd party software and resulting in significant project savings. IP View Pro software was installed on four separate computers. Then between 10 and 15 TRENDnet cameras were networked to each respective computer.

The surveillance station comprised of four large viewing screens, four sets of console controls, and four stand alone computers. The project was completed within a rapid installation schedule and encountered no delays resulting from the setup of TRENDnet cameras or software.

The Result

"This was a high profile project receiving national attention. Both the local community and tourists felt an immediate and notable increase in security," stated Mr. Alessandro Salvati, President of Quasar Atlantic Dominicana. "Video footage has already been used to resolve several cases to date. In addition, as Value Added Resellers we only hear from the police department after an installation is completed if the equipment fails. To date the Dominican National Police have not contacted us."