A secure eye over land and sea.
Network video increases public safety in Xiamen.

Organization:
Command Center of Xiamen Public Security Bureau

Location:
Xiamen, Fujian, China

Industry segment:
Government

Application:
Customs surveillance public safety

Axis partner:
Xiamen Waynet Computer & Networks

Mission

Xiamen is a city with exquisite scenery located in Southeast China. Xiamen International Port is one of the best natural ports with favorable conditions, and has been an important foreign trade port for China throughout history. In addition, Xiamen's spring-like weather year-round attracts both domestic and foreign tourists. To provide better services, and improve issues reported by citizens, the Command Center of Xiamen Public Security Bureau wanted to deploy a HDTV network surveillance system in public areas such as main traffic intersections and the ferry port.

To improve the security management and gain a competitive advantage for the foreign trade and tourism industry of Xiamen, a complete video surveillance system with quick & timely alarm response was needed. Given the special climate and complex application environment of Xiamen, the surveillance cameras also needed to offer significant advantages in terms of clarity, surveillance angles, remote control and management functions.

Solution

After careful selection, Axis and partner Xiamen Waynet Computer & Networks Co., Ltd., were chosen to help the Command Center of Xiamen Public Security Bureau to realize a digital HDTV surveillance solution. The surveillance demands analysis and solution for Xiamen were fourfold:

1. HDTV remote surveillance meets special indoor and outdoor application demand
Xiamen consists of Xiamen Island, Gulangyu Island, the north bank area of the Jiulong River and Tong'an County, with a complex geographic environment, a large number of tourists and large flow area, so in case of emergency, the site status must be understood immediately in order to assign police personnel accurately. This requires the surveillance camera to offer superior functionality in terms of clarity, remote control and advanced event management.

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AXIS Q1755 Network Camera met the special require-ments of the user with HDTV, remote surveillance, Power over Ethernet and the Gatekeeper functionality which automatically zooms in when there is activity in the scene to provide pro-active indoor and outdoor surveillance.

2. Outstanding protection features, wider angle of view, progressive scan, and clear images

As a famous resort, there are many busy intersections in Xiamen with heavy traffic. This requires that the cameras can not only show the site status at the intersection clearly in real-time, but also provide a wider angle of view to help the Command Center to relieve traffic congestion, and provide a reliable basis for daily security manage-ment of the city.
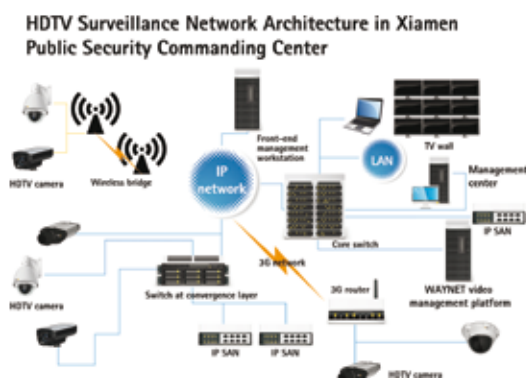
The best solution for this need was AXIS P1346-E Net-work Camera. It utilizes high-quality progressive scan and provides a wider surveillance angle and supports license plate identification of 2-3 carriageways, provid-ing powerful means for post-event investigation and evidence collection.

3. Wide surveillance scope, reflecting actual pedestrian flow

In view of the special surveillance environment of Xiamen Port, the camera must provide clear image in complex environments, and must reflect actual pedestrian flow. AXIS P5534 is a HDTV high-speed dome camera designed specifically for complex environments. With high image quality and 18x zoom, it can meet the special require-ments of the port for wide surveillance areas, provide actual pedestrian flow information for the Command Center, and provide a security guarantee for timely warn-ings in the event of incidents.

4. Solution architecture

WAYNET 唯网科技

HDTV Surveillance Network Architecture in Xiamen Public Security Commanding Center

Result

Over 100 HDTV network cameras from Axis have been deployed in the Xiamen public security system, includ-ing fixed and dome cameras. The HDTV network surveil-lance system is deployed at public areas such as main intersections and downtown areas, to improve public security and maintain the social stability of Xiamen. Additionally, the system utilizes centralized storage to provide secure and stable data for digital surveillance, and a reliable video platform for public security com-manding, monitoring and scheduling.

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