

## SUCCESSFUL STORY



**The Police Bureau of Hsinchu City has 15 sub-bureaus with a total jurisdiction of 104 square kilometers, protecting the lives and property of 440,000 Hsinchu citizens. The Police Bureau is very satisfied with i-View surveillance system and ALPR s system.**

**Challenge:** The Police Bureau plans to reinstall approximately 5,000 IP cameras and 800 license plate recognition as city surveillance throughout the urban area within five years to improve the crime case clean-up rate. In addition to identifying and recording license plates, the Police Bureau also requests to identify the colors, categories, brands, and makers. This function is primarily used to track the possible driving paths of the suspicious vehicle.

The Municipal Police Department has the following requirements for the surveillance system:

- ▼ The cameras are mainly installed on roads and alleys. The surveillance system must be able to reach 95% (daytime) 85% (evening) license plate recognition rate at the main roads.
- ▼ Allow choosing any newly installed cameras for license plate recognition.
- ▼ The system must support failed over backup automatically when any NVR failed, the Failed over server will auto take over the broken NVR.
- ▼ Install 180-degree panoramic camera at the main crossroad for no blind spot surveillance.
- ▼ Integrate the NVR into the existing Central Monitoring Server.

### **Solution:**

The Police Bureau requires the bidder to achieve and pass the testing before installation.

1. The license plate recognition capability must be measured on-site. Random to choose 40 vehicles for each at the day and night for license plate recognition testing. During the day, the recognition capability increases vehicle category, color, and brand identification testing.
2. The NVR integrated into the existing CMS and test on-site.

After the rigorous on-site testing, i-View's license plate recognition capability is fully meet the requirements, and NVR's open architecture is also smoothly integrated into the Central Monitoring Server.

i-View provides items as below for the Police Bureau city surveillance project.

- ▼ 280 sets LPR license plate camera with strong light suppression, provide clear license plate image whether it is day or night.
- ▼ 45 sets 5MP fisheye camera features a Starlight sensor and 180-degree panoramic view, provides the crossroad with no blind-spot surveillance.
- ▼ 10 sets 32-channel NVR come with 8 hot-swappable hard drives with 80TB of storage capacity, and built-in hardware Raid card with Raid 5, 6, 50, 60 redundancy function to keep data safe and secure.
- ▼ 10 sets 16-channel LPR Server support 16 video stream license plates recognition simultaneously, can also identify colors, categories, and brands.
- ▼ 2 sets Failed over Server auto take over the broken NVR at any time, the 24/7 uninterrupted city surveillance let lives and property of citizens have more protected

### **Result:**

The upgrade surveillance system offers clearer video, vehicle recognition capabilities, and faster search speed, which will help the police to greatly improve the crime case clean-up rate. The Police Bureau is very satisfied with this system.

### **Product List:**



FE-6MIPS06-F01-W  
5MP Fisheye Camera



IR-2MIPA08 IR Bullet  
LPR Camera



ALPR-160-M  
16 Ch ALPR Server



Any-3208 32-Ch NVR

Let us help you take full advantage of i-View video surveillance solution. [www.i-view.com.tw](http://www.i-view.com.tw)