

Warehouse in Taoyuan Chose DTV Surveillance System

Site Name	Ton-Lien Warehouse
Country/City	Taoyuan, Taiwan
Industry	Factories
Solution	DTV Digital FHD Surveillance System DTV 1080P Camera * 10 pcs DTV DVR * 1 set
Solution Provider	A-Tec Subsystem Inc.
Reasons of Adoption	<ul style="list-style-type: none">■ Cable Cost Saving■ Long-Distance Transmission■ Full-HD Video



CUSTOMER NEEDS AND PROBLEMS

In June 2017, Ton-Lien Warehouse in Taoyuan, Taiwan, called for proposal to install surveillance system in order to monitor their warehouse in real time.

The client requested to install the DVR in their office, and the cameras in their warehouse. The office and warehouse are separated by a big road, which many trucks passed by every day. In addition, the farthest camera is over 400m away from the office. The solution had to take into account the above-mentioned situations.

After understanding DTV products' characteristics, the client decided immediately to adopt DTV digital full-HD surveillance system.

CUSTOMER BENEFITS

In this case, one 16-channel DVR and ten cameras were installed. The DVR was installed in the office for the staff to monitor the warehouse whenever needed. The cameras were installed in the warehouse. The warehouse is separated from the office by a big road, which many trucks passed by on a daily basis. The cables across the road, which connected the DVR and cameras, had to be raised high enough to leave space for the trucks.

In DTV systems, cameras can be connected either in serial or in parallel, and it is possible to combine signals from all the cameras in one single cable. This "one cable" reduces greatly the effort for cabling across the big road.

Because the warehouse occupies a wide area and the farthest camera is over 400 m from the office, the preservation of video quality might be a potential problem. Fortunately, long-distance transmission is DTV's built-in characteristic. It can be said the no addition efforts were needed to achieve long-distance video transmission. Just use it.

A-Tec's DVR offers not only local real-time monitoring and play-back, but also remote monitoring and play-back. The clients are allowed to view the surveillance videos thru an mobile-phone app, which is very convenient.

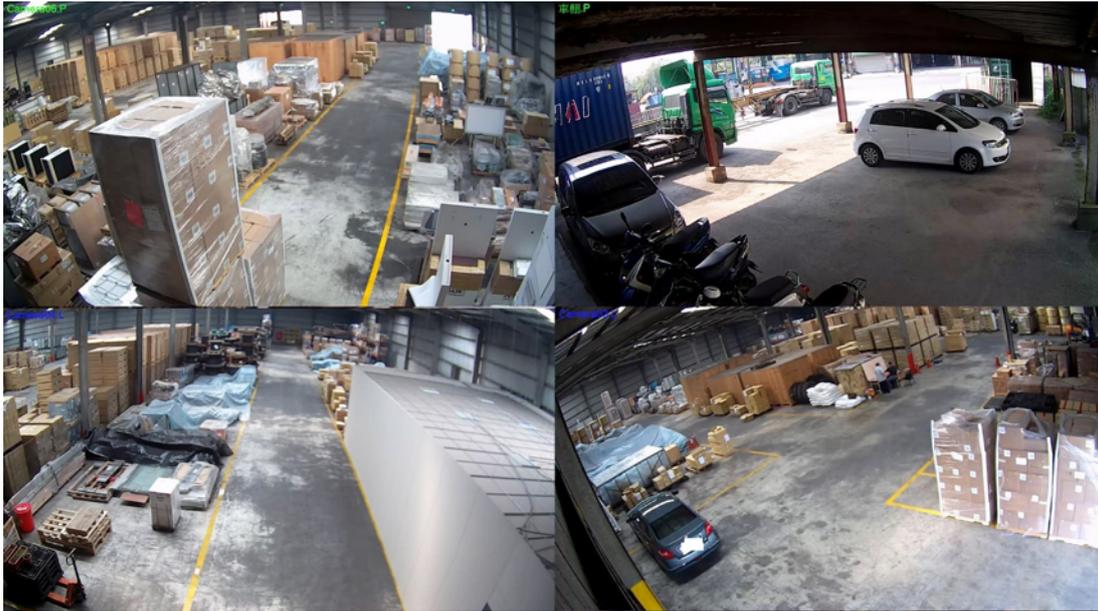


Figure 1. Screen-capture of real-time monitoring screen.

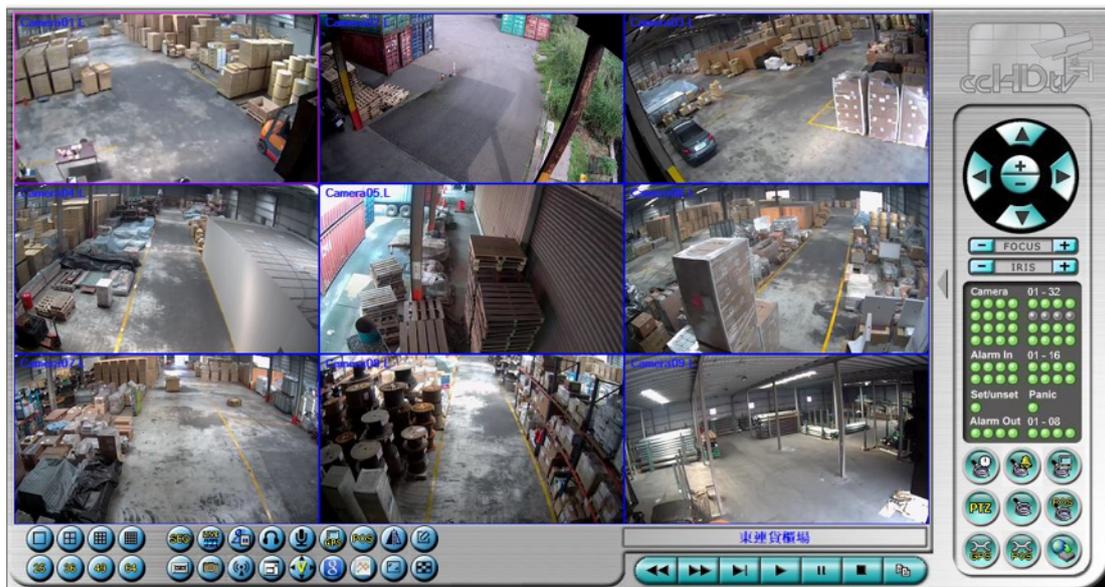


Figure 2. Remote control interface.