

## Jinguo Junior High School Guards the Safety of Teachers and Students with DTV Full-HD Surveillance System

Site Name	Jinguo Junior High School
Country/ City	Taiwan/Taoyuan
Industry	Campus
Solution	DTV Full HD Surveillance System
Solution Provider	FUHO Technology Co., LTD.
Reasons of Adoption	<ul style="list-style-type: none"><li>■ Retrofit without re-cabling</li><li>■ Full HD video quality</li></ul>



### CUSTOMER NEEDS AND PROBLEMS

Figure 1 shows the image of the original CCTV surveillance system installed on campus. The school staff recall the recorded video one time and found the image is too blurry to tell the details. Because campus safety draws a lot of public attention in recent years, the school decided to upgrade the system.



(a)



(b)

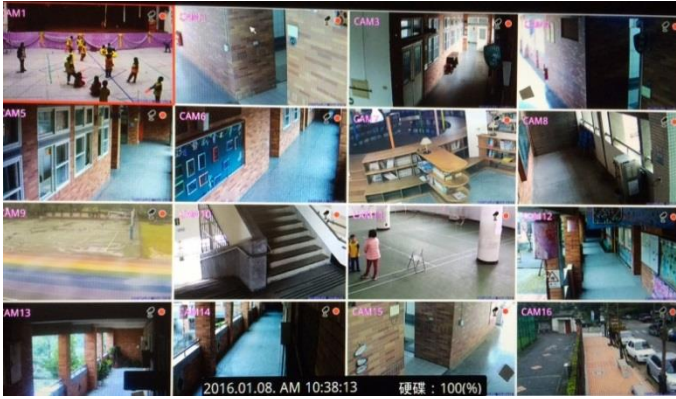
Figure 1. The original CCTV surveillance system. Each small image on the 16-split view seems clear. However, when zoomed-in, it is found that the quality of the image is too poor to tell the details. (a) 16-split view; (b) zoom-in of the #12 channel.

### CUSTOMER BENEFITS

The DTV HD surveillance product is the most time- and cost-efficient upgrade solution because it can work directly on the existing coaxial cables. Jinguo Junior High School, among a variety of surveillance products, chose the DTV system, a system completely designed and manufactured in Taiwan by FUHO Technology Co., LTD.



Since it does not require to replace the cables, the original 380-kilopixel CCTV system can be easily upgraded to the 2 megapixel DTV digital HD system. This saves installation cost and times. The HD-quality image allows the security guard and school staff to monitor the campus with ease. Once anything happens, the high-resolution images also allows the identification of details.



(a)



(b)

Figure 2. The new DTV Full HD surveillance system. The resolution is 1080P. All details can be seen clearly on the zoomed-in image. (a) 16-split view; (b) Zoom-in of the #6 channel.