

Happy Elementary School Guards the Safety of Teachers and Students with the DTV System

Site Name	Happy Elementary School
Country/ City	Taiwan/Taoyuan
Industry	Campus
Solution	DTV FHD Digital Surveillance System
Solution Provider	FUHO Technology Co., LTD.
Reasons of Adoption	<ul style="list-style-type: none">■ Retrofit without re-cabling■ System expansion by daisy chain■ Long-distance transmission■ Full HD video quality



CUSTOMER NEEDS AND PROBLEMS

Happy Elementary School, located at the Dayou Road, Taoyuan City, adopts the DTV Full HD surveillance system because the videos of the old CCTV surveillance system became blurry or even disappeared. Due to budget and contractor considerations, the school decided to install the DTV Full HD surveillance system area by area.

CUSTOMER BENEFITS

Because the installation is performed area by area, at some point the old CCTV and new DTV systems co-exist, allowing a comparison side by side at the control center. After zooming-in, the images of the old CCTV analog SD system become blurry and it is impossible to tell the details. On the contrary, because the DTV full HD system is a digital system, it is less susceptible to the cable aging, electromagnetic interference, etc.. After zooming-in, the images are clear and it is easy to observe the details.

After gradually upgrading the surveillance system, the school, the students, and their parents all feel better protected. As its name suggests, the Happy Elementary School makes people happy.



Figure 1. Because the installation is performed area by area, there is a chance to compare the old CCTV and new DTV systems side by side at the control center. The improvement is obvious. Left: CCTV analog SD system. Middle/Right: DTV full-HD system.

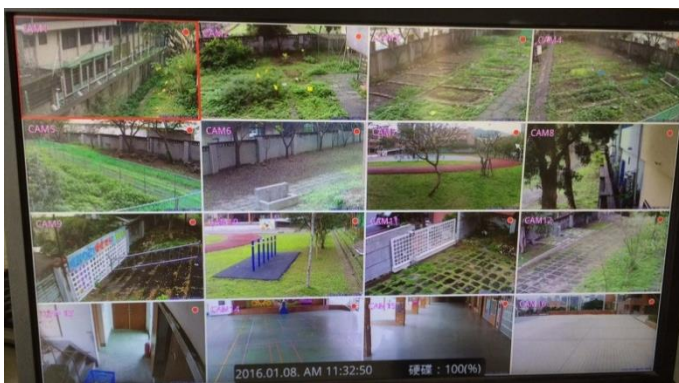


(a)



(b)

Figure 2. CCTV analog SD system. (a) Before zooming-in, the images look clear; (b) after zooming-in, the image is too blurry to tell the details.



(a)



(b)

Figure 3. DTV full-HD system. (a) Before zooming-in, the images also look clear; (b) after zooming-in, the image is still clear, allowing the observation of the details.