

Education

Providing an Education in Security



The Education Environment & Challenge

Safety is the Major Concern



Gangs

Vandals

Terrorist

Shootings

Thieves

Burglary



How will students and teachers be able to concentrate on education without worrying about their safety?

Video Surveillance Solutions



Theft and Vandalism

Drug and Alcohol Abuse

Dispute Resolution

Enhanced Teaching

Network Utilization

Video Surveillance Solutions

Theft and Vandalism



- ◆ **Cover a wide area**
 - Allow operators to respond more effectively to any suspicious activity or emergency
- ◆ **Simultaneously transmit images at various resolutions with a choice of compression technologies**
 - Monitor live images at one location and record video evidence at another

Video Surveillance Solutions

Drug and Alcohol Abuse



- ◆ The detection of unwanted visitors
- ◆ Monitor many facilities open at night



Motion Detection



Virtual Line Detection



Enter/ Exit Detection



Face Detection



**Scene Change Detection
(Tampering)**



Appear/ Disappear Detection

Video Surveillance Solutions

Dispute Resolution

So many children nowadays are living in single parent environments. Schools, colleges and universities also have a duty of care towards their staff to ensure they can be protected against any false accusations.



♦ A video surveillance system can help avoid any disputes

- By enabling authorized members of staff to monitor
- Equally important, issues can be quickly resolved which might arise through accusations of one child bullying another.

Video Surveillance Solutions

Enhance Teaching

These security technologies can be adapted to broader applications in an educational context.



**Recording lessons
or lectures**



**Lectures for staff
training**



**Tackle unruly behaviour
in the classroom**

Video Surveillance Solutions

Network Utilization

Considerably reduce the cost of installing an IP network based video surveillance system



Recent advance in technology has facilitated an easy upgrade path from an existing analog CCTV system to an IP network based solution, which provides the opportunity to control and monitor the system from anywhere on the network.

Samsung Video Surveillance Solutions

Bandwidth Friendly

- Network Camera/DVR/NVR
- License-free video recording management software

Remote Access

- Live or recorded video
- Central control room
- Any PC on the network



PTZ domes for outside of the school

- Autonomously follow subject without operator control
- License-free Intelligent Video Analytics (IVA)

Time Synchronization

- Between the fingerprint recognition, proximity and smart card & PIN based access with DVRs and NVRs

Make Fast & Effective Decision

- SSM with map based layouts of a school
- Pop-up alarm with the precise location

About Samsung Techwin



Samsung Techwin has extensive experience of working with security professionals to help combat criminal activity, terrorist threats and anti-social behavior in pre-school, school, college and university environments.

From system design to after sales technical support, a member of the team is always available, ensuring that the education sector is able to capitalise on the operational benefits made possible by the latest technological developments.



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