



Video Solutions for Security Professionals™

CASE STUDY



At a Glance:

Market:

Education

Location:

Broward County, Florida

Application:

Powerful surveillance system with 250 network IP cameras, and 4 NVRs to enhance student safety.

Case Study: LTS Solutions Protect Florida High School Students

Introduction

Student safety is a top priority at a Broward County high school in Florida. Providing proper security over an entire campus is almost like securing a small city. The purpose is to deter crime and protect the safety and security of the entire education community. School administrators wanted to make their students and staff feel they are learning in a safe environment on campus. The school needed an affordable and powerful surveillance system that would help campus safety protect students at all times. They wanted surveillance in “blind spots” of the school such as hallways, stairways, the gym, cafeteria, maintenance rooms and fire exits. The installer needed several NVRs that recorded and delivered clear footage with live view and remote access capabilities so administrators could log in from anywhere at any time.

marketing@LTSecurityinc.com | LTSecurityinc.com

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Challenge

The installer wanted to ensure a fully integrated comprehensive solution to manage their security profile. Having all 250 cameras functional without dropped network connection or data was inevitable due to the parameter of campus coverage. Central command center controllers would need extensive training on the network system along with the school staff to leverage analytics. Most importantly, the installer and LTS tech support needed to understand how to tie in the school's crisis management, policies and procedures to trigger different security reactions.

Featured Products:

(CMIP7422-28M) Platinum
Fixed Lens Dome IP Camera
2.1MP

(LTN0764) Platinum
Enterprise Level 64 Channel
NVR 2U

(DHWD60PURX) Western
Digital Purple Surveillance
Hard Drive – 6TB



Solution

The installer needed to place 250 Platinum Fixed Lens Dome IP Cameras, CMIP7422-28M, throughout the school for optimal student safety. These cameras are low-profile, but offer several big benefits. CMIP7422-28M has 3-Axis capabilities which allows flexibility to reposition the camera for a better field of view without having to re-install and physically move the housing or add new cameras for a different surveillance angle. CMIP7422-28M delivers clear and detailed 2.1MP high definition images (1920x1080P) utilizing a 2.8mm fixed lens.

Plus, this dome camera embodies 30 IR LEDs up to 100ft to bring out any object details in sharp contrasting light that would otherwise get washed out. The installer secured marketing@LTSecurityinc.com | LTSecurityinc.com

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what would be considered “blind spots,” or areas that are less frequented by staff. Cameras were installed in the hallways where hundreds of students walk through to get to class every day. The stairways were secured with the cameras as well, preventing students from congregating for long periods of time. It also was to deter anyone from leaving suspicious backpacks or other items behind on the stairs. The gymnasium is a large area to cover, and it’s not always in use. Cameras were needed to protect equipment and prevent any vandalism. Administrators wanted added security to maintenance rooms since only authorized staff should have access inside, plus make sure expensive supplies don’t go missing. Lastly, the installer spent time securing fire exits around the school, so administrators felt safer knowing the exit routes were clear and students or objects were not blocking those emergency exits.

The installer connected 62 cameras into one of the four Platinum Enterprise Level 64 Channel NVR 2U, LTN0764. The Platinum Enterprise Level 64 Channel NVR is a powerful recorder, offering video output BNC, VGA and HDMI up to 1920x1080P. Pentaflex Operation capabilities allowed simultaneous live view or playback while continuing to record, network transfer and back up. LTN0764 has the resolution capabilities to record and playback up to 6MP (3072x2048).

Broward County Public School District also purchased four Western Digital Purple Surveillance Hard Drives, each 6TB for continuous recording.

Results

School administrators were very happy with how smoothly the installation went, and the installer was impressed with the LTS support he received.

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