



IT Solutions Provider Partners with Tripp Lite to Help Improve Air Force Training Facilities



SUMMARY

Customer

VIA Technology provides IT solutions to clients in various industries, including federal, state and local governments, educational institutions, construction and commercial clients.

Goal

Improve the training experience for personnel at Lackland Air Force Base in Texas.

Solution

HDMI over Cat5/Cat6 Extender/Splitter Units

- [B126-004 \(transmitter\)](#)
- [B126-1A0 \(receiver\)](#)

Display Mounts

- [DWM2655M](#)
- [DWT3270X](#)

Results

New A/V setup in classrooms allows students to clearly see and hear training material presented by instructors.

Customer

Based in San Antonio Texas, VIA Technology provides IT solutions to clients in various industries, including federal, state and local governments, educational institutions, construction and commercial clients.

Goal

The Air Force's 342d Training Squadron recently moved from Hurlburt Field in Florida to Lackland Air Force Base in San Antonio, Texas. The six newly renovated classrooms assigned to the squadron did not include Audio/Visual equipment, a crucial training aid to instructors. To remedy this issue, the squadron enlisted the aid of local IT solutions provider VIA Technology.

The squadron required four HDTV monitors mounted in each of the five classrooms and two in the remaining one. After calculating the cable distances involved, VIA Technology technicians determined the best solution was to use HDMI over Cat6 technology with converters/extenders to connect the large monitors to a local computer in each classroom. This would allow clear transmission of both audio and video signals over the same cable with no signal loss. The monitors needed to be secured to the walls using display mounts with tilt or tilt/swivel capability, depending on their location in the classroom. Once the evaluation process was done, VIA Technology chose to get their connectivity and display mount solutions from a reliable, single source—Tripp Lite. They knew Tripp Lite would provide quality products at competitive prices.

Solution

B126-004 4-Port HDMI over Cat5/Cat6 Extender/Splitter (Transmitter)

- Splits a single HDMI signal into five separate signals (one local and four remote), each on one cable, to five monitors in a chain
- Extends a 1080i (60 Hz) signal up to 200 ft., a 1080p (60 Hz) signal up to 150 ft. and a 3D signal up to 125 ft. with Tripp Lite B126-1A0 or B126-1A0-WP-1 active remote receiver
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install



B126-1A0 HDMI over Cat5/Cat6 Active Extender (Receiver)

- Works with Tripp Lite's B126-Series transmitters to extend an HDMI signal via Cat5e/6 cable to a projector, monitor or television
- Extends a 1080i (60 Hz) signal up to 200 ft., a 1080p (60 Hz) signal up to 150 ft. and a 3D signal up to 125 ft.
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install



Powering and Connecting Your World

1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1111
tripplite.com



IT Solutions Provider Partners with Tripp Lite to Help Improve Air Force Training Facilities

SUMMARY

Customer

VIA Technology provides IT solutions to clients in various industries, including federal, state and local governments, educational institutions, construction and commercial clients.

Goal

Improve the training experience for personnel at Lackland Air Force Base in Texas.

Solution

HDMI over Cat5/Cat6 Extender/Splitter Units

- [B126-004 \(transmitter\)](#)
- [B126-1A0 \(receiver\)](#)

Display Mounts

- [DWM2655M](#)
- [DWT3270X](#)

Results

New A/V setup in classrooms allows students to clearly see and hear training material presented by instructors.

DWM2655M Full-Motion Wall-Mount for 26" to 55" Flat-Screen Displays

- Convenient one-touch display adjustment for easy view optimization
- Equipped with a bubble level for accurate display leveling
- Wide range of motion with -15° to +15° tilt and 120° swivel capability



DWT3270X Tilt Wall-Mount for 32" to 70" Flat-Screen Displays

- Low-profile mounting keeps unit out of sight for sleek, professional appearance
- Open frame for easy wall access
- Tilt adjustment improves viewing angles in applications where the audience is below the display
- Wide range of motion with -10° to 0° tilt capability



Results

The installation was completed using Tripp Lite connectivity and display mount solutions. Now all the students in the classrooms can clearly see and hear training material presented by the instructors, improving the quality and effectiveness of the 342d's training program.

About Tripp Lite

Since 1922, Tripp Lite has established a global reputation for quality manufacturing, superior value and excellent service. Tripp Lite makes more than 3,000 products to power, protect and connect electronic equipment, including UPS systems, replacement batteries, PDUs, rack systems, cooling solutions, surge protectors, KVM switches, IP console servers, cables, display solutions, power strips and inverters. Headquartered in Chicago, Tripp Lite maintains offices worldwide.



Powering and Connecting Your World

1111 W. 35th Street
Chicago, IL 60609 USA
773.869.1111
triplite.com



UPS Systems



Protect

PDUs



Power

Racks



Organize

KVMs



Control

Cooling Solutions



Cool

Cables & Connectors



Connect