How Vaddio products impact education

Vaddio products allow schools to record, stream, or video conference with high quality video and audio. As students become more dependent on video as a means of instruction, the ability to record high quality video with exceptional audio is growing quickly. Vaddio products allow schools to utilize software-based video platforms to easily and professionally handle the needs of lecture capture, flipped classrooms, and video distance learning.

Vaddio's prevalence in higher education has been based on making classroom cameras more accessible with higher quality and aggressive pricing.

Why Vaddio?

Long-lasting durability
Vaddio cameras are designed and assembled in the USA and are backed by a two year warranty. Vaddio cameras are meant for industrial use and many of the Vaddio cameras installed still do the same job they were designed to for 5-10 years (or longer). The industrial components are assembled by many of the same plants that assemble medical grade electronics so you can expect high reliability.

Superior image sensors and lenses
Vaddio cameras are designed with larger image sensors and larger lens elements than most of the consumer products you would find in a standard box store. These larger components allow more light to enter the electronics, allowing for better exposed and richer colors – even in lower light settings. Typically, Vaddio cameras are not next to the presenter but rather installed at the other end of the hall and the professional-grade optics of our zoom lenses allow for these far away shots to be dynamic and sharp.

Remote management
Vaddio cameras offer a browser-based user interface for remote management. When you need to know if the camera is working in a room across campus, you can log in over the network to confirm operation and adjust the settings if required. This is a huge benefit if you are a small AV team and don't have the ability to make it to classrooms across multiple sites if an instructor calls.

Unparalleled technical support
Vaddio's support system shines in higher education where the Minneapolis-based technical support team provides quick and concise resolution to any issues that may arise. Solutions geared toward higher education have always been a large focus of the Vaddio portfolio.

Demo equipment
Additionally, Vaddio offers access to trial equipment and on-site demos so you know for sure your Vaddio system will work in your space before you purchase.

What makes Vaddio gear unique?

- Vaddio's unique RoboTRAK™ Presenter tracking system allows teachers to wear a small, light, rechargeable lanyard and the PTZ camera follows the teacher around the room automatically.

- Higher Education typically uses Vaddio cameras in four ways
    - Conference Rooms – See information on ConferenceSHOT™ AV, HuddleSHOT™, and other USB-ready videoconference room solutions.

    - Lecture Capture – Vaddio' RoboTRAK is a key product along with USB based cameras which integrate into computer based capture systems.

    - Flipped classrooms – Vaddio can create an affordable video recording studio with simple use, presentation automation and push button controls.

    - Video Distance Learning – Vaddio's AV Bridge MATRIX PRO is an all-in-one video switcher, audio DSP, and controller for live two-way video conferencing applications using USB based video.

- Vaddio's budget priced ConferenceSHOT line of cameras are perfect for many conference rooms, lecture capture, flipped classroom studios, and distance learning solutions. The lower cost but high-quality video and audio are perfect for most classrooms.

- Vaddio RoboSHOT® Elite Series PTZ Cameras can be controlled via IR remote, IP web interface, control system, and Vaddio joystick controllers.

- Vaddio's USB interface utilizes universal drivers – no extra software is required to load the drivers as they are natively built-in to the computer's operating system (Mac, PC, and Linux). In an educational environment, this means the IT director doesn't need to log in with admin privileges for end users to utilize Vaddio conferencing cameras on a computer. Just plug them in and use them.

- Vaddio's web management functions allow the IT department to remotely manage all aspects of the Vaddio equipment. This reduces trouble resolution time and allows IT staff to resolve most user issues without leaving the operations center.

- Vaddio cameras feature the highest quality optics and most have great zoom features and 16 custom image presets for simple instructor control. End users wanting to zoom-in on a whiteboard or drawing can do so with ease and without the need for additional document cameras in most instances.

- Vaddio includes a coordinating wall mount in the box with each camera for installation flexibility.

- Vaddio cameras appear to be web cameras to most video software like Zoom, Skype for Business, GoToMeeting and others. However, because they are full PTZ cameras they allow larger groups to be seen.

- Vaddio offers simple, adjustable ceiling-mounted microphones for professional audio experiences in small to midsize classrooms.

- Nearly all Vaddio cameras have extension options that extend power, video, and control over a single cable to ensure Vaddio cameras can be placed anywhere the AV team wants them – cameras are no longer tied to nearby rack locations.

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