

## Campus Technology Solution – Flexible Single Projection Classroom

- > A complete classroom AV technology solution
- > Easy to purchase and deploy across any-sized campus
- > Everything needed (except the display device and sources) for a single-display classroom
- > Simple web-browser configuration – no programming required
- > AirMedia® wireless presentation from laptops, tablets, and smartphones
- > 4K video presentation via multiple HDMI® inputs
- > See room availability, scheduled class details, and broadcast messaging on the room display<sup>[2]</sup>
- > Easily select sources and control the display and room devices from a 7" tabletop touch screen
- > Hear everything clearly through the included speakers
- > Preview at the lectern with an optional video monitor
- > Cloud-based provisioning and management support<sup>[1]</sup>
- > Integrates with room scheduling applications<sup>[1,2]</sup>
- > Control the room display via RS-232, CEC, or IR
- > World-class service and support

### Provide a simple, scalable, and consistent classroom experience

Crestron® Campus Technology Solutions offer a quick path to transforming and standardizing every classroom, lab, and meeting space across an entire college campus. Each kit comes ready-to-deploy and includes everything you need to provide a consistent multimedia classroom experience for instructors and students. Each room features the same informative on-display welcome screen and intuitive touch screen UI, so an instructor or guest lecturer can simply walk into any room and start presenting quickly.

Crestron AirMedia® wireless presentation capability, as well as auto-switching wired inputs, allow anyone to connect and present easily using their own laptop or mobile device. Just as easily, they can use a document camera, computer, or other media source installed at the lectern. All Crestron Campus Technology Solutions are built on the same unified platform with enterprise-grade network management and security, so every space can be monitored, managed, scheduled, and controlled securely by authorized staff from any location on or off campus.<sup>[1]</sup>

### Flexible single-projection classroom solution

The EDU-2000 kit provides a scalable solution ideal for rooms ranging from 30 to 300 students. Featuring the Crestron DMPS3-4K-250-C DigitalMedia™ Presentation System with built-in AirMedia, it supports a single video screen plus a preview monitor, and provides up to eight inputs including AirMedia wireless connectivity. An optional DM® transmitter may be added to provide a wired HDMI® input connection anywhere in the room.

A wired or wireless microphone may be connected to provide speech reinforcement. The included speakers and 50 Watt amplifier are appropriate for most rooms with up to 50 students. Other Crestron speakers, amplifiers, and DSPs may be added as required. Enhanced connectivity and cable management options are available using Crestron FlipTops™, Crestron Connect It™ cable caddies, and DM 8G+® transmitters.



### What's included:

- 3-Series® 4K DigitalMedia presentation system with AirMedia
- 4K DigitalMedia 8G+® Receiver with Scaler
- 7" tabletop touch screen
- Saros® 6.5" 2-way wall mount speakers
- HDMI, CAT5e, serial, and speaker cables
- PoDM power pack

### Easy to install – no programming required

Crestron Campus Technology Solutions are incredibly easy to install. Setup and configuration is made simple using the web browser-based tool. Just select your sources and display, set up device control, and you're good to go. Rooms are up and running in minutes without writing a single line of code. Customization is enabled using Crestron Studio® software to add the school logo and any special functionality desired.

### Easy to use

The Crestron touch screen experience makes the system easy and intuitive for anyone to use. Simple one-touch functions let instructors get right to the point. Even as they first enter the room, they are greeted with a welcoming message on the big screen showing details about the current scheduled class along with simple instructions for getting started.<sup>[2]</sup>

### Campus scheduling, monitoring, and reporting

Crestron Fusion® monitoring and scheduling services add a valuable layer of intelligence to every classroom and meeting space on campus.

- **Room scheduling** – Crestron Fusion integrates with popular room calendaring platforms to maximize workflow and room usage. Rooms are automatically set up for use so everything's ready to go when the instructor walks in, and can even be returned to inventory in the event of a "no-show" to make the room available to others.
- **Help desk support** – During classes and meetings, attendees can contact the help desk directly from the touch screen in the room.

# EDU-2000 Campus Technology Solution

Crestron Fusion sends event alerts to IT staff, enabling them to quickly resolve issues remotely to maximize uptime. Crestron Fusion stores all technical documentation room-by-room for quick reference.

- **Global device monitoring** – Crestron Fusion sends real-time status notifications for each device in any room on the network, so support staff can resolve issues before they interrupt workflow. Additionally, support staff can automatically receive reminders to perform routine maintenance.
- **Data collection and reporting** – Crestron Fusion collects data and generates detailed reports about room and device usage to help institutions optimize their investment in space and technology.

## Cloud-based deployment and management

Crestron campus technology reaches out to the cloud for easy, cost-effective, and efficient deployment and management. Simply assign the room solution to a location, provision it based on your protocol, and it's ready to go. There's no time consuming programming, and no proprietary programming languages. It's simple, browser-based management with the network security IT professionals demand.

- **Crestron Device Management SaaS** – Manage thousands of devices in the amount of time it would ordinarily take to manage one.
- **Integrate** – No-programming cloud AV management solution
- **Deploy and Manage** – Organize devices by groups and subgroups; silently push settings and firmware to one or all devices; apply, transfer, and remove device features and licenses
- **Monitor** – Live status and full monitoring of every connected device

## Network security

Crestron campus technology supports the standard network security policies organizations already have in place. Every Crestron device is engineered with absolute security in mind.

- **802.1x** ensures devices on the network have been explicitly sanctioned by the network administration team, which protects against unauthorized devices being added to the network
- **Active Directory**<sup>®</sup> ensures administrative privileges and access rights of individuals are centrally managed
- Industry-standard **AES** block cipher with robust PKI for AV content encryption to protect content from unauthorized access as it traverses the network
- **SSL** ensures that control systems and endpoint devices communicate only with intended devices and that commands and status cannot be monitored by unauthorized devices on the network
- **SSH**-based command-line console access for device configuration and status protects the device console from access by unauthorized users
- **HTTPS** authenticates and encrypts the web interface to ensure device settings are only accessed by authorized users

## Global presence, local support

Crestron is dedicated to providing the best service and support in the industry, with offices in every major market and country around the globe. There are tens of thousands of certified Crestron engineers and technicians

ready to assist you if needed. Count on our award-winning True Blue Service and Support Team to handle any issues 24/7 or even go on-site anywhere in the world at a moment's notice.

## Included Components

- DMPS3-4K-250-C-AIRMEDIA** 3-Series 4K DigitalMedia Presentation System 250 with AirMedia, Qty. 1
- DM-RMC-4K-SCALER-C** 4K DigitalMedia 8G+ Receiver & Room Controller w/Scaler, Qty. 1
- PW-4830DUS** 150W PoDM Power Pack, Qty. 1
- TSW-760-B-S** 7" Touch Screen, Black Smooth, Qty. 1
- TSW-760-TTK-B-S** Tabletop Kit for TSW-760, Black Smooth, Qty. 1
- SAROS SR6T-W-T-EACH** Saros 6.5" 2-Way Surface Mount Indoor/Outdoor Speaker, White Textured, Single, Qty. 2
- CBL-HD-6** High-Speed HDMI Cable, 18 Gbps, 6 ft (1.8 m), Qty. 5
- CBL-HD-20** High-Speed HDMI Cable, 18 Gbps, 20 ft (6.1 m), Qty. 1
- CBL-CAT5E-7** CAT5e Cable, RJ45-to-RJ45, Black, 7 ft (2.1 m), Qty. 2
- CBL-CAT5E-P-50** CAT5e Cable, Plenum, RJ45-to-RJ45, 50 ft (15 m), Qty. 1
- CBL-SERIAL-DB9-L-12** Serial Cable, DB9F to Flying Leads, 12 ft (3.6 m), Qty. 1
- CBL-SPK-P-50** Speaker Cable, 16AWG, Plenum, 50 ft (15 m), Qty. 2

*Note: For additional details and specifications, refer to the individual spec sheet for each component.*

## MODELS & ACCESSORIES

### Available Models

**EDU-2000:** Campus Technology Solution – Flexible Single Projection Classroom

### Available Accessories

- SW-XIOC-S Series:** XiO Cloud Standard Provisioning and Management Service for one device
- SW-XIOC-P Series:** XiO Cloud Premium Provisioning and Management Service for one device
- SW-FUSION-C-3:** Crestron Fusion<sup>®</sup> Cloud; 250 rooms; 3-year service, support, and updates
- SW-FUSION-P-L:** Crestron Fusion<sup>®</sup> On-premises; Unlimited rooms; lifetime service, support, and updates
- SW-HS-x-C Series:** Crestron Fusion<sup>®</sup> Cloud Room Scheduling for one touch screen
- SW-HS-x-P Series:** Crestron Fusion<sup>®</sup> On-premises Room Scheduling for one touch screen
- TSW-760 Series:** 7" Room Scheduling Touch Screen
- TSW-1060 Series:** 10.1" Room Scheduling Touch Screen
- TSW-760-LB Series:** Room Availability Light Bar for TSW-760 Series
- SSC Series:** Room Availability Hallway Sign, Ceiling Mount
- SSW Series:** Room Availability Hallway Sign, Wall Mount
- GLS-ODT-C-CN:** Dual-Technology Occupancy Sensor with Cresnet<sup>®</sup>
- IRP2:** IR Emitter
- CNSP-XX:** Custom Serial Interface Cable
- SAROS Series:** Saros<sup>®</sup> Commercial Speakers

# EDU-2000 Campus Technology Solution

**VECTOR Series:** Vector™ Performance Loudspeakers

**AMP Series:** Modular Power Amplifiers

**AMP-8000 Series:** Crestron Avia™ 8-Channel Power Amplifiers

**CA-PWRSFT-1604:** Powersoft Duecanali 1604, 2-Channel Power Amplifier, 800W/Ch.

**CA-PWRSFT-2404:** Powersoft Quattrocanali 2404, 4-Channel Power Amplifier, 600W/Ch

**FT2-700-MECH Series:** FlipTop™ FT2 Series, 700 Size, Mechanical

**FT2-700-ELEC Series:** FlipTop™ FT2 Series, 700 Size, Electrical

**TT-100 Series:** Crestron Connect It™ Cable Caddies

**Notes:**

1. Cloud-based provisioning, monitoring, and management requires an XiO Cloud subscription. Scheduling requires a Crestron Fusion room scheduling subscription. Additional costs may apply. For more information about XiO Cloud, refer to <https://www.crestron.com/xiocloud>. For more information about Crestron Fusion, refer to <https://www.crestron.com/fusion>.
2. Onscreen display of room availability and meeting details, and support for room scheduling touch screens and hallways signs, requires a Crestron Fusion room scheduling subscription. Additional costs may apply. For more information about Crestron Fusion, refer to <https://www.crestron.com/fusion>.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover this and other Crestron products are listed online at <https://www.crestron.com/legal/patents>.

Certain Crestron products contain open source software. For specific information, please visit <https://www.crestron.com/opensource>.

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