ScreenBeam Classroom Commander

Delivers classroom orchestration and wireless display for up to 50 Windows 10 student devices, without taxing your network or setting up servers

The modern classroom shouldn't rely on rows of desks, cables, wires, buttons and multiple tools to make things work. With a powerful Windows 10 device and Classroom Commander, schools are free to create and be agile in one-to-one environments—while still giving teachers just the right amount of control to instruct, give students access to share, and orchestrate lessons and content with ease. All this for up to 50 devices at once without setting up servers, taxing your network or running more cables to make it work. Constructive feedback is easy with Windows Ink and touch display.

Create flexible classrooms. Eliminate the standard "desks in a row" formation to open classroom communication and collaboration. Arrange student seating for quiet study or discussion-based group work.

Monitor student devices. View a single student screen or all the student devices and active applications in real-time to keep the classroom focused and identify disengaged students quickly.

Untether teachers. Teachers move freely and interact with students, eliminating "sage on the stage" teaching to support engaging and flexible teaching methods that improve student outcomes.
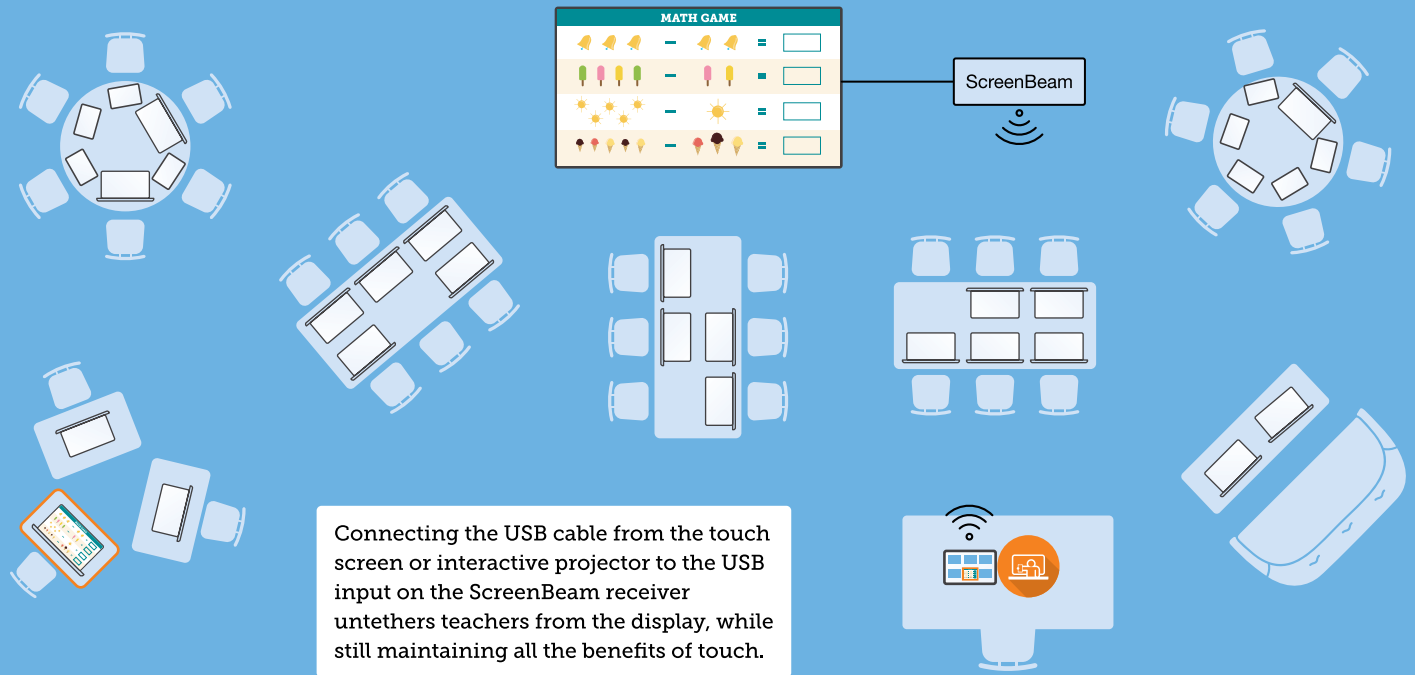
Collaborate wirelessly. Wireless inking and touch display support brings collaboration to the front-of-room display. Teachers can annotate directly onto a student screen from the classroom display, even when student devices are not touch-enabled.

Present student screens. With teacher permission, students can display their work right from their desk for the entire classroom to view and discuss together.

Guide learning. Message a student or group, blank and lock the keyboard/mouse on a single student screen, multiple student screens or the entire class to command attention.

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ScreenBeam

Connecting the USB cable from the touch screen or interactive projector to the USB input on the ScreenBeam receiver untethers teachers from the display, while still maintaining all the benefits of touch.

A Wireless Environment Made Easy

ScreenBeam 1000 EDU delivers unparalleled deployment options for teacher and student wireless presentations

ScreenBeam Classroom Commander creates an in-room hub for wireless connectivity that is automated, extremely easy to use and eliminates network congestion.

Support for the Miracast™ technology standard enables Windows devices to connect directly to the ScreenBeam receiver while maintaining connectivity to the school network for Internet and LAN services. This enables the wireless display functionality, student device monitoring and control to happen off the school network, eliminating the heavy bandwidth impact of traditional student device monitoring and the extraordinary cost of dedicated servers to support the application. The result: streamlined, easy-to-implement solution for wireless connectivity that saves valuable resources while optimizing instruction time.

Modern Classrooms Require Instant and Constructive Feedback

Wireless Windows inking instantly captures annotations on room touch displays and saves on the presenter's device

When teachers combine native Windows Inking across the Windows 10 and Office 365 applications with ScreenBeam, they can share their notes, presentations and more directly to student devices or the front of room display improving classroom collaboration.

Marking up student content and images or creating sticky notes gets a point across efficiently. Then ScreenBeam's unique support of touch displays captures and saves annotations on the student device screen.

Three Components, One Complete Solution

+ **+**

ScreenBeam 1000 EDU Wireless Display Receiver

- Supports up to 51 simultaneous connections.

- Creates a secure in-room hub enabling local wireless connectivity with no impact on school network.

- Enables direct connection between device and ScreenBeam receiver with Miracast standard.

- Reduces the communication latency between teacher and student devices.

Classroom Commander Software License

- Software license enables wireless orchestration features for classroom with up to 51 devices.

- Teacher and student device apps are available online.

- Covers maintenance, fixes, and firmware updates for duration of one year license.

Central Management System (CMS) Software

- Receiver includes CMS software for centralized management of wireless display receivers on the network.

- School IT administrators monitor status, organize and group ScreenBeam receivers by location.

- Push firmware updates, reset and change individual preferences, change network settings and enable remote help-desk service.

Watch a Video

ScreenBeam Classroom Commander increases learning outcomes.
www.screenbeam.com/get-sbcc

Request a Trial

Request a demo kit supporting three connections: one teacher PC and two student PCs with complete feature set.
www.screenbeam.com/forms/request-a-trial

Solution Requirements

General Requirements

– ScreenBeam 1000 EDU wireless display receiver (catalog number SBWD1000EDU, learn more at www.screenbeam.com/products/screenbeam-1000-edu)

– High definition display with HDMI or VGA input

Recommended System Requirements

Teacher Device

OS	Windows 10 Pro/Edu/Ent/S (64-bit) build 1709 (or later)
CPU	Fourth generation Intel Core i5 or better
Wireless	Intel dual-band wireless AC 726x or better
Memory	8 GB or more
HD Space	300 MB or more

Student Device

OS	Windows 10 Pro/Edu/Ent/S (64-bit) build 1709 (or later)
CPU	Intel Celeron N3060 or better
Wireless	Intel dual-band wireless AC 726x or better
Memory	4 GB or more
HD Space	300 MB or more

Minimum System Requirements

Teacher Device

OS	Windows 10 Pro/Edu/Ent/S (64-bit) build 1709 (or later)
CPU	Fourth generation Intel Core i3 or AMD equivalent
Wireless	802.11AC dual-band 2x2
Memory	8 GB
HD Space	150 MB

Student Device

OS	Windows 10 Pro/Edu/Ent/S (64-bit) build 1709 (or later)
CPU	Intel Celeron N3010 or AMD equivalent
Wireless	802.11AC dual-band 1x1
Memory	4 GB
HD Space	150 MB

Industry Leader

ScreenBeam Inc., a leading wireless display and collaboration provider, delivers an app-free screen sharing experience on any modern device to bring intuitive wireless collaboration into any meeting space or classroom. ScreenBeam is Microsoft's co-engineering partner for wireless display enabling wireless Office 365 experiences.

ScreenBeam solutions are used as the validation platform for wireless display functionality by companies like Microsoft and leading PC OEM and device companies. Headquartered in Santa Clara, CA, ScreenBeam has offices across the United States, Europe and Asia.

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