



# ScreenBeam Classroom Commander

Wireless Orchestration  
for Windows 10 Classrooms

Interactive learning thrives in the modern classroom. ScreenBeam Classroom Commander is an elegant wireless orchestration system, for Windows 10-equipped classrooms, that also delivers classroom agility.

ScreenBeam Classroom Commander redefines classroom orchestration by combining wireless connectivity with premium orchestration functionality. Now teachers and students have the mobility to present from anywhere in the classroom, and achieve real-time interaction with wireless touch display and touch back functionality. Support for wireless inking (native in Windows programs) enhances learning and problem solving. Enabled with the latest Miracast™ technology, ScreenBeam Classroom Commander creates a private, in-room network that doesn't tax valuable school network bandwidth.

## Benefits

Teachers can wirelessly guide student learning, increasing student engagement, productivity, and collaboration — while maintaining complete control of the classroom.



ScreenBeam  
Classroom Commander

CATALOG NUMBER

**SBCC01L**

ScreenBeam  
Classroom Commander

Associate  
Microsoft  
Education  
Partner  
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### Classroom Agility

ScreenBeam Classroom Commander creates a wireless environment so teachers fluidly inhabit their entire classroom space. Teachers interact with the lesson being displayed, monitor individual behavior, identify issues quickly, and help off-task students refocus—without interrupting instruction. With teacher permission, students show their work right from their desks or untether from the system and present live at the classroom display. And it's all done quickly and easily, so teachers make the most of valuable instructional time.

### Interactive Learning and Collaboration

With powerful interactive features, ScreenBeam Classroom Commander enhances student engagement and learning with real-time integration of wireless touch displays, touch back support, and wireless inking (native in Microsoft programs). Students can project content onto the classroom interactive display from their desks. Teachers annotate comments and questions directly onto the student screen from the classroom display. Students collaborate with each other on their devices. All while teachers monitor each student's progress with the ability to private message individual students or groups.

### Teacher-Controlled Technology

Teachers are always in control with ScreenBeam Classroom Commander. Direct from their device, teachers monitor student screens and active applications in real-time, present their screen or give selected students the ability to present. Teachers can even blank all student screens simultaneously to gain classroom attention. Teachers easily drive URL's across all student screens. With complete control of the devices, teachers ensure that students stay on task and learn at the same pace.

### Advantages

Teacher and student can present from anywhere in the classroom

Interactive and collaborative environment

Private, in-class network-saving school bandwidth

Real-time updates on student screen activity

Teachers have full command over student devices

High performance, robust connectivity

Includes CMS for remote management by IT



## Features

ScreenBeam Classroom Commander is the only orchestration solution that combines wireless connectivity with premium orchestration functionality for the modern Windows classroom. Using standards-based Miracast technology, it creates a dedicated point-to-point connection between the source device and display. ScreenBeam Classroom Commander creates a private, in-room network in which all devices have a direct connection to the wireless display system, eliminating heavy LAN traffic, and expensive on-premises servers.

- Real-time student screen monitoring
- Wirelessly present screen when ready
- Wirelessly present a student screen
- Wireless touch and touch back functionality
- View the students' active application in real-time
- View a full screen view of the student's monitor
- Virtual walk-through classroom (cycle through each student's monitor)
- Launch browser to designated URL
- Command attention (blank screens and lock keyboards)
- Student roll call
- Message individual or group
- Includes ScreenBeam Central Management System (CMS) software
- Compatible with Windows 10 and Windows 10 S devices (laptops, tablets or two-in-ones)
- Up to 28 simultaneous student connections
- Reduces the communication latency between teacher and student devices
- Does not require additional bandwidth and server to deploy



## Technical Specifications

### Devices Supported/Compatibility

Windows 10 Pro and Windows 10 S (laptops, tablets, and two-in-ones with Miracast wireless display).

### Requirements

- ScreenBeam 960 receiver
  - With Classroom Commander firmware (9.22.36.0 or higher)
  - Managed by ScreenBeam CMS remote management software (v2)
- HDTV/projector with available HDMI or VGA port
- Server and Service<sup>1</sup>
  - Microsoft Office 365 subscription
  - Microsoft Azure Active Directory (AAD)
  - Microsoft School Data Sync (SDS)
- Optional open non-DFS 5 GHz channel(s)

### System Requirements

#### Teacher Device

OS	Windows 10 Pro / 10 S (64-bit)
CPU	Fourth generation Intel core (aka Intel-based Haswell 4xxx) or better
Wireless	Intel wireless dual-band N/AC 7260/7265/8260/8265 or better
Memory	4 GB or more
HD Space	200 MB or more
Internet	Required for auto-connect and student rostering

#### Student Device

OS	Windows 10 Pro / 10 S (64-bit)
CPU	Intel Celeron N3060 or better
Wireless	Intel wireless dual-band N/AC 7260/7265/8260/8265 or better
Memory	2 GB or more
HD Space	200 MB or more
Internet	Required for auto-connect and student rostering

### Disclaimer

Minimum system requirements apply.

1. Required for auto-connect and student rostering



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## Industry Leader

ScreenBeam wireless display is the only solution that truly enables commercial deployment of secured and IT manageable wireless display. ScreenBeam wireless display is the industry standard for benchmarking and device interoperability, making it the most broadly compatible solution available. ScreenBeam solutions are used as the validation platform for wireless display functionality by companies like Microsoft, Intel, and leading PC OEM and device companies.

Actiontec is Microsoft's co-engineering partner for wireless display technologies in Windows. Because of Actiontec's status as the industry leader, and our ongoing investment in supporting industry device manufacturers, you can be assured that you're deploying the most broadly compatible, feature-rich wireless display platform.

