

# ScreenBeam™ Pro

## Education Edition 2

Enabling the Modern Classroom



Reseller #  
SBWD100E2V (with VGA)  
SBWD100E2X (without VGA)

Model #  
SBWD100B



## Teach from Anywhere in the Classroom

When teachers are stuck behind a desk and computer, it's harder to interact with students, hold the attention of the classroom, and gauge student reactions. But ScreenBeam Pro Education Edition 2 gives teachers the freedom to move around the classroom, while interacting with content on the projector screen. Also, students can even work on lessons and problems from their tablet, and instantly share their work with the rest of the class without having to get up and write on the whiteboard.

## Bring Your Curriculum to Life

With ScreenBeam Pro Education Edition 2, it's easy to supplement traditional lectures with rich, engaging multimedia like videos, apps, educational programming, even specialized online course material. The wireless display solution lets users wirelessly share content from compatible tablets, smartphones, and laptops onto a projector screen or other display. It has never been easier to share online content or material stored on your computer or tablet with the entire class.



### Compatible with Your Gear

ScreenBeam works with a wide range of devices you may already be using in the classroom. The solution supports Microsoft Windows 7 and 8, Android/Wi-Fi Miracast devices, and Intel WiDi laptops, tablets, and smartphones. ScreenBeam is Microsoft's premier wireless display receiver for its Windows 8.1 devices, so you can be sure you'll get the best possible second screen experience.



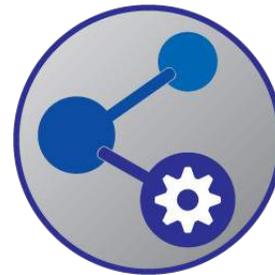
### Add Support for Windows 7 with ScreenBeam Transmitter

While Windows 8.1 devices can connect with ScreenBeam natively, it's easy to add support for your older Windows 7 laptops too. Simply connect the ScreenBeam USB Transmitter to the USB port of your Windows laptop, install the provided software, and it will connect to your ScreenBeam receiver.

### Device Management for IT

With the free ScreenBeam Local Management Console, setup is simple for your school's IT team. For example, you can rename a receiver, manage display ports, or change the PIN pairing password.

If you have medium to large deployments of ScreenBeam receivers, upgrade to the ScreenBeam Central Management System (CMS) Enablement Package. The package includes a CMS software and network adapter that enable IT to remotely configure ScreenBeam receivers within the network.



### The Control You Need for the Classroom

Unlike other wireless display receiver solutions, ScreenBeam Pro Education Edition 2 is designed for the school's IT to manage and secure the connection. This means school's IT or teacher could enforce which device could connect to prevent unwanted content to be shown in the classroom. As a result, you don't have to worry about students displaying content from their own smartphones and tablets without teacher approval.

### No Wi-Fi Network Required

Unlike other wireless display solutions on the market, ScreenBeam creates a direct wireless display connection between your device and display, leaving plenty of bandwidth for other network tasks. ScreenBeam's direct connection delivers premium display quality and won't clog the school's network. There won't be lag times, choppy or freezing video or skipping audio, saving you from having to interrupt the lesson to troubleshoot the technology.



### VGA to HDMI adapter included

Have an older projector? No problem. ScreenBeam Pro Education Edition 2 includes a VGA to HDMI adapter, so you're able to use the latest wireless display technology with legacy projectors.

### Features

- Supported Wireless Display Technology
  - 4th Gen Intel WiDi
  - Wi-Fi Miracast
  - ScreenBeam USB Transmitter
- Wirelessly stream movies, videos, presentations, photos, apps and more to the big screen
- Mirror content from your laptop, tablet or smartphone to a projector
- Supports up to full 1080p HD video and audio
- Works up to 50 ft. away – no line of sight required\*
- Does not require existing Wi-Fi router to setup
- Minimal interference with your existing Wi-Fi network
- Supports VGA with included HDMI-VGA adapter
- Local management access for IT to enforce PIN for new device pairing, manage HDMI output on idling, and firmware updates
- Centrally manage medium to large deployments of ScreenBeam receivers using the ScreenBeam CMS Enablement Package (sold separately)
- Premier wireless display partner with Microsoft and Intel

## Technical Specifications

### Video

- H.264 compression
- Supports up to full 1080p30 resolution

### Audio

- LPCM & AAC
- Supports 5.1 surround sound

### A/V Interface

- HDMI Type-A female connector
- VGA via adapter (included)

### Wireless

- 802.11 a/b/g/n Dual-band 2.4 & 5GHz
- WPA2, WPS virtual PBC, AES 128-bit

### Content Protection

- HDCP 2.x for HDMI

### Power Input

- 5V/2A
- Consumption: Less than 4W

### HDMI-to-VGA (YZ-050) Adapter

- Supports VGA output, 10-bit resolution up to 165MHz pixel rate of up to (1080p and UXGA)
- Supports LPCM and compressed surround sound
- Supports VGA output: 480I/P, 576I/P, 720P, 1080I/P, 640x480, 800x600, 1024x768, 1280x720, 1280x768, 1280x800, 1280x960, 1360x768, 1366x768, and 1920x1080
- Does not support protected content playback

## System Requirements

### Select one of the following devices

- Windows 8.1 or higher (with Miracast support)
- Intel WiDi capable laptop or tablet with Intel WiDi 4 or higher
- Wi-Fi Miracast capable smartphone, tablet, or laptop
- Compatible Windows laptop or PC with ScreenBeam USB Transmitter\*\*
- Does not work with Apple products

## Corporate Office

760 North Mary Avenue  
Sunnyvale, CA 94085

## Sales

Main: (408) 752-7700

Sales Information: (800) 797-7001

E-mail: [channelsales@actiontec.com](mailto:channelsales@actiontec.com)

Fax: (408) 541-9003

## Technical Support

Tel: (888) 436-0657

Fax: (719) 522-9421

Website: <http://www.actiontec.com>

\* Distance varies depending on wireless condition and interference

\*\* To check device compatibility with ScreenBeam USB Transmitter visit [www.actiontec.com/299.html](http://www.actiontec.com/299.html)

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