

CASIO



Code: SBE2



ENABLING THE MODERN CLASSROOM

The CASIO and Actiontec Collaboration offers a unique Interactive Solution for today's modern classroom. Now educators have the flexibility to freely move around the classroom while projecting lessons on the big screen. Engage students with rich multimedia, learning apps and educational programming and even specialised online materials. The ScreenBeam Education Edition 2 sets educators free with wireless display.



SBE2

The Minamata Convention on Mercury, which was adopted in October 2013, includes the phase-out of mercury use in products and processes. By 2020, this United Nations global treaty will permanently prohibit the use of mercury in light sources.

As a forward-thinking and environmentally friendly company, CASIO led the charge by switching all projectors to the energy-efficient laser and LED hybrid, mercury-free light source developed by CASIO in 2010.



5 YEAR
10,000
HOURS
WARRANTY



LIGHT
SOURCE
20,000
HOURS





CASIO

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.



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/ Windows 10 devices, so you can be sure you'll get the best possible second screen experience.

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.

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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

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

Technical specifications of the Ultra Short Throw series at a glance:

		XJ-UT310WN
Display	Technology: Resolution: Brightness:	DLP * chip 1,280 x 800 pixels (WXGA) 3,100 AL
Illumination technology	Type: Service life:	Laser and LED hybrid technology Up to 20,000 hours
Picture	Contrast: Colour depth: Projection size (min.–max.):	1,800: 1 16.77 mil. (full colour) 127– 254 cm
Projection lens	Type: Projection ratio: Offset: Focus:	Fixed zoom/mirror system (viewing distance: width): 0.28: 1 70 % Manual
Keystone correction	Vertical (manual):	± 5°
Interfaces	Computer: Digital input: Component video: Audio: Microphone: USB: Display port: Wireless connections: Plug-in USB devices ¹ :	2 x RGB port (RGB 15-pin mini D-sub (VGA)) 1 x HDMI type A (480 p – 1,080 p) 1 x RCA (composite) 1 x S-Video 1 x RCA (R/L) 2 x 3.5 mm stereo mini port 3.5 mm mini (compatible with dynamic microphone) 1 x USB type A (USB 2.0) 1 x USB type B Via mini USB CASIO wireless LAN adapter (YW-40) included USB memory stick, CASIO YW-40 wireless adapter, selected graphic calculators/electronic dictionaries and digital cameras from CASIO ¹
Wireless connection		IEEE 802.11 b/g/n compatible with Windows and Mac via additional software ²
Extended functions		Direct power on, direct power off, rear projection, freeze, blank screen, wall mount
Integrated data storage		Approx. 2 GB (Pic, Movie, PTG, PDF)
Outputs	Audio: RGB output:	3.5 mm variable audio mini stereo Mini 15-pin D-sub
Audio and control systems	Audio system: Control inputs: Compatible control systems:	16 W monaural speaker RS-232 (D-sub 9 pin) x 1 LAN RJ-45 x 1 Crestron, Extron, SP Controls, AMX
Operating noise		34 dB (default mode)/29 dB (safe mode)
Energy consumption (active)	Active: Standby:	205 W (normal mode); 230 W (bright mode) 185 W (eco1); 110 W (eco5) 0.23 W
Computer compatibility	Max. resolution (compressed):	UXGA (1,600 x 1,200 pixels)
Video compatibility	Norms: Signals:	PAL-N/-M, PAL60, SECAM, NTSC Composite-Video, YcbCr, YPbPr
Included with accessories		RGB cable, video cable, mains cable, IR remote control, quick guide
Optional accessories	Wall mount: DLP® 3D projection ³ :	YM-80 Active shutter glasses (YA-G30) and software (YA-D30)
General	Dimensions (W x H x D): Weight:	Cover included: 413 x 333 x 153 mm Cover not included: 338 x 333 x 153 mm 5.7 kg



¹ Function can only be guaranteed for specified CASIO products.
More detailed information on supported USB memory sticks is available on the CASIO website.

² More detailed information at www.casio-projectors.eu

³ 3D projection is not possible by using HDMI connector.

⁴ Whichever is reached first. When used for less than 12 hours per day.