

ScreenBeam® 1000 EDU

**ENHANCED WIRELESS DISPLAY AND
COLLABORATION**

ScreenBeam®

Designed for schools requiring a high performing 4K wireless display and collaboration solution. Combining local Wi-Fi mode connectivity with industry standard Miracast™, and network infrastructure connectivity or network bridge functionality, delivers unparalleled deployment options for teacher and student wireless presentations.

Windows and macOS users can share content in both duplicate and extended screen modes, and support for interactive touch displays and Windows Ink brings collaboration to the front of room display. Chromebook users can now also share content natively without apps.

Includes ScreenBeam Classroom Commander providing both wireless display and student device orchestration for up to 50 Windows 10 student devices, without taxing the school's network or requiring additional servers. ScreenBeam 1000 EDU delivers an affordable, easy teacher and student experience, with advanced technology to provide simplicity and scalability for deployment and management.



CATALOG NUMBERS

SBWD1000EDU
ScreenBeam 1000 EDU
Wireless Display Receiver
with ScreenBeam CMS and
ScreenBeam Classroom Commander

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education institutions only

Every ScreenBeam 1000 EDU includes
Central Management System (CMS)
software to remotely manage large-
scale deployments across multiple
locations, [saving time](#) and money.



[Learn More](#)

Key Features

- ✓ Native wireless screen mirroring for Windows, iOS, macOS, Android and Chromebook
- ✓ Present from anywhere in the room
- ✓ Project content on your device—videos, images, slides, and more
- ✓ Extended desktop maintains use of device for other actions
- ✓ Integrated digital signage player displays information during idle periods
- ✓ 4K output supports any display natively
- ✓ Collaborate wirelessly using touch displays and Windows Ink across Office 365 apps
- ✓ Combines local Wi-Fi connectivity with Miracast and network infrastructure connectivity
- ✓ Classroom orchestration and wireless display for up to 50 Windows 10 student devices
- ✓ Connects to displays, projectors and switchers via HDMI and USB



ScreenBeam®

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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Technical Specifications

Compatible OS/Device

Miracast P2P wireless display requires certified device with either:

- Windows 10 build 1607 (and later) or Windows 8.1
- Android 4.2 (and later)

Wireless display over network requires device with either:

- Windows 10 build 1709 (and later)
- Windows 7 (and later)
- macOS 10.10 (and later)
- iOS 11 (and later)
- Chrome OS 74.0.3729.159 (and later)

Language Support

English

Hardware Specifications

Video	H.264 compression		
Audio	LPCM 2.0		
Resolution ¹	Up to 4K60 (HDMI), 4K30 (Windows 10 Miracast)		
Ethernet	10/100/1000-BASE-T RJ-45 LAN (non-concurrent with Network Bridge)		
Wireless	Miracast and Local Wi-Fi Mode: 802.11ac dual-band 3x3 MIMO Network Bridge: 802.11ac dual-band 2x2 MIMO (non-concurrent with Ethernet)		
Authentication	WPA-PSK (TKIP)		
Protocol	WPA2-PSK (AES), PEAP-MSCHAP V2, EAP-TLS		
Interfaces	1 x HDMI Output	2 x USB 2.0 Host Type-A	
	1 x VGA Output	1 x USB 3.0 Host Type-A	
	1 x Analog 3.5mm audio Output	1 x DC Power Jack	
Content Protection ²	HDCP 2.x		
Power	Input: 12VDC, 3A Consumption: 8.4W (typical), 36W (peak)		
Dimensions	8.66 x 5.66 x 1.99 inch (220 x 144 x 50.5 millimeter)		
Temperature	Operating: 0° – 40° C (32° – 104° F), Storage: -20° – 85° C (-4° – 185° F)		
Humidity	Operating: 20 – 80% non-condensing, Storage: 10 – 90% non-condensing		

Regulatory and Compliance

North America	FCC and UL
European Nation	CE, RED, and RoHS

Warranty

Localized to country of sale

1. Actual display resolution and quality depend on the wireless/network environment
2. Content protection is not available for macOS/iOS

