

# ScreenBeam 1000 EDU

Enhanced wireless display and collaboration for classrooms

ScreenBeam delivers app-free screen sharing on any device eliminating the need to download an app or keep a cable or dongle nearby. Simply tap to wirelessly connect a mobile device to the room display. Teacher and guest devices have multiple ways to connect including local Wi-Fi mode, Miracast™ and network infrastructure connectivity.

Teachers can display up to four student screens simultaneously, and with a Windows 10 device can ink and annotate in Office 365 apps and share notes to student devices or the front-of-room display.

ScreenBeam Ghost Inking™ removes all wireless inking latency for a more intuitive and natural pen-to-paper experience and a best-in-class wireless collaboration experience.

Includes the enhanced ScreenBeam Classroom Commander experience, providing both wireless display and student device orchestration for Windows 10 or Chromebook student devices with zero ongoing licensing fees or subscription costs. ScreenBeam 1000 EDU delivers an affordable, easy teacher and student experience, with advanced technology to provide simplicity and scalability for deployment and management.

Visit [www.screenbeam.com/get-sbcc](http://www.screenbeam.com/get-sbcc) for more information on ScreenBeam Classroom Commander.



#### CATALOG NUMBERS

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

**License sales restricted  
for use in accredited K-12  
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

- ✓ Present from laptop, tablet or smartphone wirelessly
- ✓ Native screen mirroring solution; no app, no dongle
- ✓ Flexible in-room display sharing preference
- ✓ True extended desktop mode support
- ✓ Quick Switch Mode to switch between presenters without disconnecting
- ✓ Optional secured and isolated Wi-Fi hotspot
- ✓ Windows 10 native wireless touch and inking
- ✓ Integrated HTML-based digital signage player
- ✓ Orchestrate and wirelessly display up to 50 student device screens
- ✓ Flexible multi-network for staff and guest presenters
- ✓ Multi-View Mode allows up to four Windows 10 displays shared on-screen
- ✓ 4K and interactive touch panel ready

# 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:

- Chrome OS 81.0.4043.103 (and later)
- Windows 10 build 1709 (and later)
- Windows 7 (and later)
- macOS 10.10 (and later)
- iOS 11 (and later)

ScreenBeam Classroom Commander for Chromebooks requires a server with:

- Windows 10 Professional or Enterprise build 1809 (and later)
- Core i5 4th generation or later
- 8 GB RAM
- 256 GB storage

## Language Support

English

## Minimum System Requirements

### Chromebook Teacher Device

OS	Windows 10 (64-bit), macOS 10.10, or Chrome OS 81.0.4043.103
CPU	Fourth gen Intel Core i5 or ARM-based equivalent for Chromebook

### Windows Teacher Device

OS	Windows 10 (64-bit) build 1709 (or later)
CPU	Fourth gen Intel Core i3 or AMD equivalent

### Chromebook Student Device

OS	Chrome OS 81.0.4043.103
CPU	Intel Celeron N3060 or any ARM

### Windows Student Device

OS	Windows (64-bit) build 1709 (or later)
CPU	Intel Celeron N3010 or AMD equivalent

## Hardware Specifications

Video	H.264 compression	
Audio	LPCM 2.0	
Resolution <sup>1</sup>	Up to 4K60 (HDMI), 4K30 (Windows 10 Miracast)	
Ethernet	10/100/1000-BASE-T RJ-45 LAN (non-concurrent with Network Bridge)	
Wireless	<b>Miracast and Local Wi-Fi Mode:</b> 802.11ac dual-band 3x3 MIMO <b>Network Bridge:</b> 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 <sup>2</sup>	HDCP 2.x	
Power	<b>Input:</b> 12VDC, 3A   <b>Consumption:</b> 8.4W (typical), 36W (peak)	
Dimensions	8.66 x 5.66 x 1.99 inch (220 x 144 x 50.5 millimeter)	
Temperature	<b>Operating:</b> 0° – 40° C (32° – 104° F), <b>Storage:</b> -20° – 85° C (-4° – 185° F)	
Humidity	<b>Operating:</b> 20 – 80% non-condensing, <b>Storage:</b> 10 – 90% non-condensing	

## Regulatory and Compliance

North America: FCC and UL

European Union: 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

## 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.

[screenbeam.com](https://www.screenbeam.com)

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