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 for more information on ScreenBeam Classroom Commander.

CATALOG NUMBERS
SBWD1000EDU
SBWD1000EDUCA (Canada)
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 [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 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 or Google Cast

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

ScreenBeam®