

ScreenBeam 1000 EDU Gen 2

Smart wireless presentation and collaboration designed for modern classrooms

The ScreenBeam 1000 EDU Gen 2 is a Smart device designed to adapt and scale to modern K-12 classroom experiences. With its intuitive native wireless screen-sharing and an integrated collaborative whiteboard application, the ScreenBeam 1000 EDU Gen 2 enhances teacher and student engagement for better learning outcomes.

ScreenBeam delivers app-free screen sharing on any device eliminating the need to download an app or keep a cable or dongle nearby. Teacher and guest devices have multiple ways to connect including local Wi-Fi mode, Miracast™, Airplay, GoogleCast, provides configurable connectivity using peer-to-peer Wi-Fi Direct or over infrastructure.

The new Whiteboard by ScreenBeam application enables collaborative Whiteboard interactivity without complex device connectivity. Running directly on the ScreenBeam device, Whiteboard is simply launched from the connected Interactive Flat Panel and requires no connected computer.

ScreenBeam 1000 EDU Gen 2 delivers an affordable, easy teacher and student experience, with advanced technology to ensure simplicity and ready to expand with your growing technology needs.



CATALOG NUMBERS

SBWD1000EDUG2

SBWD1000EDUG2CA (Canada)

SBWD1000EDUG2-BNDL3Y-ANZ

SBWD1000EDUG2-BNDL3Y-APAC

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for use in accredited K-12
education institutions only**



Every ScreenBeam 1000 EDU Gen 2 includes Central Management System (CMS) software to remotely manage large-scale deployments across multiple locations, saving time and money.

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Key Features

- ✓ Present from laptop, tablet or smartphone wirelessly
- ✓ Native screen mirroring or extended desktop solution; no app, no dongle
- ✓ Increased Memory and Storage for future expandability
- ✓ Quick Switch Mode to switch between presenters without disconnecting
- ✓ Optional configurable, secure, and isolated Wi-Fi hotspot
- ✓ Integrated HTML 5.0-based digital signage player
- ✓ Windows native wireless touch and inking, with ScreenBeam Ghost Inking™
- ✓ Integrated Whiteboard application with advanced interactive features
- ✓ Multi-View Mode allows up to four devices shared on-screen
- ✓ 4K and interactive flat panel ready

Technical Specifications

Compatible OS/Device

Miracast: Windows 11/10 and Android

Airplay: MacOS 11+ and iOS 13+

Google Cast: ChromeOS/Chrome 98+ and Android 8+

Language Support

English

Audio & Video Specifications

Native protocol: Miracast, Airplay, Google Cast

Video: H.264 compression

Audio: LPCM 2.0

Resolution: Up to 4K30

Protection: HDCP 2.x

Network Specifications

Ethernet: 1000Base-T RJ-45 LAN

Wireless (Miracast P2P & Wi-Fi Hotspot): 802.11ac 3x3 MIMO Dual-band 5GHz

Wireless (Infrastructure): 802.11ac 2x2 MIMO 2.4GHz and 5GHz (DFS) BLE (Discovery):

2402-2480MHz Authentication protocol: IEEE 802.1x, WPA-PSK (TKIP), WPA2-PSK (AES), PEAP-MSCHAPv2, EAP-TLS

Hardware Specifications

Interfaces: 1 x HDMI Output, 1 x RJ-45, 1 x USB 3.0 Host Type-A, 2 x USB 2.0 Host Type-A, 1 x Analog 3.5mm Audio, 1 x DC Power Jack

Power: Input 12VDC 3A, Consumption: 8.4W Typical 24.8W Peak

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

Dimensions & Weight

Size: W 8.66 in x D 5.66 in x H 1.47 in (220mm x 144mm x 37.5mm)

Weight: 1lb 0oz (453.5g)

Certifications

Compliant Standards: FCC, RED, RoHS, UL

1. Miracast requires device with Wi-Fi and Intel 802.11 AC or AX Wi-Fi or equivalent is recommended.
2. Display resolution and quality depend on Wi-Fi and or LAN network condition.
3. HDCP content protection only available for Miracast protocol.

Warranty

This product is backed by a 3-year Limited Hardware Warranty.

What is in the Box

- ScreenBeam 1000EDUG2 receiver
- Power adapter
- 3' HDMI cable
- Magnetic mounting kit

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 San Jose, CA, ScreenBeam has offices across the United States, Europe and Asia.

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