

# ScreenBeam 1100 Plus Wireless Display Receiver

ScreenBeam 1100 Plus is a cross-platform 4K wireless presentation system for app-free wireless screen sharing from any device with ability to wirelessly markup content on in-room displays. Up to four presenters can share content simultaneously. Integrated HTML-based digital signage available when displays are not in use.

Combining wireless display and HDMI switching in a single device reduces deployment complexity and costs. Users connect across Miracast™, local Wi-Fi mode or network infrastructure and HDMI input allows older devices without wireless display capability to connect and display. Each receiver includes Central Management Enterprise software.



CATALOG NUMBER

**SBWD1100P**

ScreenBeam 1100 Plus  
Wireless Display Receiver  
with ScreenBeam CMS

## KEY SELLING POINTS

|                                 |   |
|---------------------------------|---|
| <b>App-free</b>                 | Windows 10/8.1, Miracast-enabled Android, macOS, iOS and Chromebook native screen mirroring   |
| <b>Dual integrated Wi-Fi</b>    | Simultaneous support of any combination of local Wi-Fi mode, Miracast, or network bridge to support any device on employee and guest networks   |
| <b>Touch display support</b>    | Windows 10 users can mark up content directly on room displays, instantly capturing changes in native device applications   |
| <b>HDMI Input w/HDCP</b>        | Supports playback of protected content over the HDMI Input  |
| <b>Multiview/Quick Switch</b>   | Supports up to four devices on-screen at once, with quick user switching between single presenters  |
| <b>Native 4K output w/HDCP</b>  | High quality 4K native wireless presentation output on any display including protected content playback   |
| <b>HDMI input</b>               | 4K HDMI input for wired device connectivity and input flexibility   |
| <b>Ghost Inking™</b>            | Wireless Windows Inking with zero latency for true pen-to-paper writing experience  |
| <b>Local Wi-Fi, bridge mode</b> | Securely leverage wired or wireless network connectivity, avoiding complex network configurations   |
| <b>Pro-grade Miracast</b>       | Fully managed wireless options to lower latency, eliminate disconnects and prevent connection failures  |
| <b>Digital signage</b>          | Integrated HTML5 digital signage player displays information during idle periods  |
| <b>Secure</b>                   | Static, rotating or hidden PIN/pairing for device connections, AES encryption on all links, network separation for employees and guests on wired and wireless connections, and a Kensington lock slot |
| <b>Centrally managed</b>        | Remote management and monitoring of devices with group provisioning, monitoring and maintenance scheduling using included Central Management System (CMS) Enterprise software                         |

## BENEFIT MESSAGING

- Three separate network interfaces supporting both internal and external networks in a single device providing more flexibility for different network policies and deployment needs.
- Only solution to combine wireless display and HDMI switching in a single device. The new HDMI Input eliminates the need for an HDMI switch so rooms are fully functional for wired and wireless connections.
- Support for native wireless display protocols means users can wirelessly present from any device without having to install and maintain an application or use a dongle or cable.
- Wireless markup content on the room display using Microsoft Windows Ink native in all Microsoft Office 365 apps – then store and share with everyone in the room instantly.

## 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.

## WIRELESS DISPLAY PRODUCT FAMILY

### ScreenBeam 1100 Plus

- Connects to two infrastructure networks (guest AND corporate) simultaneously using Gigabit Ethernet and Wi-Fi)
- 3x3 MIMO wireless for Miracast Wi-Fi direct and local Wi-Fi
- 2x2 MIMO wireless for bridge mode capability
- Gigabit Ethernet for management and infrastructure-mode presentation
- 4K wireless display capable
- USB 3.0 + dual USB 2.0 ports
- Kensington lock slot
- HDMI Input with HDCP
- HTML5-based digital signage
- Multiview capable with Quick Switch for users
- No-latency Ghost Inking with Office 365 touch support

### ScreenBeam 1000 EDU

- Rapid student device orchestration for up to 50 P2P connections
- Sold to and warrantied for K-12 purchasers only
- Front-of-room experience optimized for K-12
- Connects to one infrastructure network using Gigabit Ethernet or Wi-Fi
- No HDMI input
- Other features are the same as ScreenBeam 1100

### ScreenBeam 960

- Connects to one infrastructure network (guest or corporate) using Gigabit Ethernet or Wi-Fi
- 2x2 MIMO
- No local Wi-Fi mode
- 1080p only
- Single USB 2.0
- Only Central Management System software is available to manage, not CMSE

## TECHNICAL SPECIFICATIONS

### Compatible OS/Device

Miracast P2P wireless display requires certified device with either:

- Windows 10 build 1607 (and later)
- 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, Simplified Chinese, Traditional Chinese, Japanese, French, German, Dutch, Korean, Spanish, Italian, and Russian

### Hardware Specifications

|                                 |   |  |
|---------------------------------|---|--|
| Video                           | H.264 compression   |  |
| Audio                           | LPCM 2.0  |  |
| Resolution <sup>1</sup>         | 4K/30   |  |
| Ethernet                        | 10/100/1000-BASE-T RJ-45 LAN  |  |
| Wireless                        | <b>Miracast and Local Wi-Fi Mode:</b> 802.11ac dual-band 3x3 MIMO<br><b>Network Bridge:</b> 802.11ac dual-band 2x2 MIMO |  |
| Authentication                  | WPA-PSK (TKIP)  |  |
| Protocol                        | WPA2-PSK (AES), PEAP-MSCHAP V2, EAP-TLS   |  |
| Interfaces                      | HDMI Input<br>2 x USB 2.0 Host Type-A<br>1 x USB 3.0 Host Type-A<br>1 x DC Power Jack                                   | 1 x HDMI Output<br>1 x VGA Output<br>1 x Analog 3.5mm audio Output |
| Content Protection <sup>2</sup> | HDCP 2.x  |  |
| Power                           | Input: 12VDC, 3A   Consumption: 8.4W (typical), 36W (peak)  |  |
| Dimensions                      | 8.66 x 5.66 x 1.47inch (220 x 144 x 37.5 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                                      |  |

1. Actual display resolution and quality depend on the wireless/network environment

2. Content protection is not available for macOS/iOS Screen Mirroring or Google Cast

## FOR MORE INFORMATION

Contact [channelsales@screenbeam.com](mailto:channelsales@screenbeam.com).

[screenbeam.com](http://screenbeam.com)

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