

# Wireless Presentation and Conferencing Platform

ScreenBeam 1100 Plus is a flexible, high-performing wireless presentation and Unified Communications (UC) platform enabling hybrid meeting spaces. Includes ScreenBeam Conference software to wirelessly connect user devices to displays and room peripherals for flexible collaboration between in-room and remote meeting participants. Meeting hosts can instantly launch a UC meeting using the web conferencing service of their choice.

ScreenBeam provides app-free agnostic support for Windows, Apple and Chromebook devices. Users simply tap once to wirelessly present and markup content on in-room displays from their own device. It's easy to connect both employees and guests with three separate network interfaces that keep guests off the company network. Includes ScreenBeam CMS Enterprise multi-user, role-based monitoring and management solution.



CATALOG NUMBER

**SBWD1100P**  
ScreenBeam 1100 Plus Wireless Display Receiver with ScreenBeam CMS

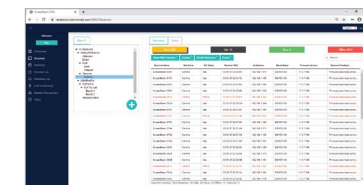
## KEY SELLING POINTS

<b>App free</b>	Windows, Miracast-enabled Android, macOS, iOS and Chromebook native screen mirroring
<b>Multi-network support</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>ScreenBeam Conference</b>	Bring Your Own Meeting (BYOM) support providing flexibility to use UC platform of choice with user device while connected to front-of-room resources (mic, camera and speakers)
<b>Ghost Inking™ / touch support</b>	Real-time, zero latency inking annotation and touch back support across Windows 10 and Microsoft Office 365
<b>Integrate with UC systems</b>	Easily integrates with existing UC room systems including PC-based or appliance-based systems
<b>Multiview/Quick Switch</b>	Supports up to four devices on-screen at once, with quick user switching between single presenters
<b>HDMI input/output with HDCP</b>	Native 4K output for high-quality content sharing and support for legacy devices via HDMI input with auto switching options
<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>	Role-based, multi-user remote management and monitoring of devices with group provisioning, monitoring and maintenance scheduling using included CMSE software



Includes ScreenBeam Conference at no charge. Automatically pairs host device wirelessly to the room camera, mic, and speakers.

[Learn More](#)



Includes Central Management Enterprise software to monitor and manage ScreenBeam receivers using a standard web browser, and supports multi-user and role-based access for large deployments with multiple sites and administrators.

[Learn More](#)

## 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 warranted 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

## 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.

## TECHNICAL SPECIFICATIONS

### 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 <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	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 1.47inch (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	

### 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)
- 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

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

FEATURES	SCREENBEAM 1100 PLUS	SCREENBEAM 960
Native OS support	✓	✓
No cables, no apps, no dongles	✓	✓
<b>Native OS supported protocols</b>		
Miracast (Windows and Android)	✓	✓
Airplay (macOS and iOS)	✓	✓
Google Cast (ChromeOS)	✓	
<b>Enterprise Miracast support</b>		
Supports projection via WiFi Direct or LAN infrastructure	✓	✓
Supports AGO for channel selection	✓	✓
<b>LAN connection</b>		
Wifi and Ethernet	✓	✓
Multi-network support (connects to two networks simultaneously)	✓	
Wi-Fi Local (hotspot)	✓	
LAN bridge mode	✓	
<b>Security</b>		
Encryption (TLS 1.2 AES)	✓	✓
On Screen PIN support (Miracast and Airplay)	✓	✓
Authentication for Wifi LAN connection	✓	✓
Authentication for Ethernet LAN connection	✓	
<b>Additional Features</b>		
ScreenBeam Conference	✓	
Touchscreen support via UIBC	✓	✓
Extended Display Support (Windows and macOS)	✓	✓
Support for HDMI-CEC for display or projector power on	✓	✓
Resolution	4K	1080p
Number of simultaneous presenters	4	1
Quick Switch mode	✓	
HDMI video input	✓	
HDMI video output	✓	
Digital Signage Player (HTML-5 format)	✓	
Central Management System Enterprise	✓	

# ScreenBeam 1100 Plus Wireless Display Receiver

ScreenBeam Conferences adds support for all major web conferencing tools onto contactless wireless display to deliver a complete experience. Users gain the flexibility to use their laptops and the unified communications (UC) system of their choice to host/join meetings while connected to the room display and peripherals such as the camera, microphone and speakers.

No apps, native wireless connections eliminate all contact points between user devices and the room displays. Wirelessly present to both in-room and remote participants. Up to four client devices can present simultaneously.

A unique isolated multi-network architecture provides three separate physical interfaces, giving administrators the ability to configure connection paths that meet their needs. Administrators can enable employees and guests to share content from different networks without compromising security. There's never an option for traffic between the guest and employee networks.

Enhanced security and multi-user and role-based central management and monitoring of receivers. Integrated HTML-based digital signage is available when displays are not in use. See how we compare and [contact us](#) or watch this [video](#) to learn more.

	ScreenBeam 1100 Plus	Clickshare Conference CX 30	Mersive Solstice Pod Unlimited Gen 3	Kramer Via Connect Plus	Crestron AirMedia AM-200
List Price	€1199 / £1099*	€2,150 / £2,352*	€1,500 / £1,300*	€989 / £836*	€1,800 / £1,600*
Native Windows 10/8.1 Miracast Mirroring	✓ NO APP NEEDED	✓ Requires app	✓ NGO only	Requires VIAcast adapter (NGO)	Requires AM USB Wi-Fi (NGO)
Native macOS / iOS Mirroring	✓ NO APP NEEDED	✓ Room system integration	✓	✓	✓
Native Android 4.2+ Miracast Mirroring	✓ NO APP NEEDED	Cast only	✓ NGO only	Requires VIAcast adapter	Requires WLAN adapter
Isolated Multi-Network Support	✓		✓ VLAN tagging only		
Unified Communications Support	✓ BYOM, Native Zoom Client, Room System Integration	✓ BYOM, Room System Integration	✓ BYOM, Room System Integration	✓ Room System Integration	Requires Crestron Flex conferencing kit
Secure P2P Guest Access	✓ Windows 10 or Android	✓ Windows 10 or Android	✓ Windows 10 or Android	Requires VIAcast adapter	Requires WLAN adapter
4K Wireless with HDCP	✓	✓ No HDCP support			
Dual Wi-Fi with Hot Spot, Wireless Backhaul	✓				
Static / Rotating / Hidden PIN	✓		✓	Always-rotating PIN	
Out-of-Box Plug 'n' Play	✓		✓	✓	✓
Native Office365 Touch Screen Collaboration	✓ Windows 10				
Zero Latency Wireless Inking	✓				
Digital Signage	✓		✓	✓	✓
Centralized Management	Server Included	On-Prem Server Subscription	Server/Cloud Subscription	On-Prem Server Unlimited License	Cloud Subscription
Hierarchy Role-Based Authentication Mgmt	✓	✓	✓	✓	✓
Wireless Channel and Power Selection	✓	✓			
HDMI Input w/HDCP	✓			✓ No HDCP	✓
Simultaneous Presenters on Screen	4	2	4	4	1
Quick Switch Presenters on Screen	✓				