



ScreenBeam 960 Wireless Display Receiver

With Interactive Touch Support*

The **ScreenBeam 960** enterprise-grade wireless display receiver gives Windows, Android and MacOS users the flexibility to present from anywhere in the room. Windows 10 users can interact with content on a device from a front-of-room touchscreen via touchback.

Designed for large businesses and campuses which need wireless display connectivity to increase real-time interaction, collaboration and productivity in meeting spaces and classrooms. It also supports the rich capabilities of Windows Ink native in Windows programs.

ScreenBeam 960 comes complete with ScreenBeam Central Management System (CMS) software to support the remote management of ScreenBeam devices at scale, providing enterprise-class security and manageability that IT departments need.



CATALOG NUMBERS

SBWD960A

ScreenBeam 960
Wireless Display Receiver
with ScreenBeam CMS



* Touchscreen feature supported by Windows 10 devices only.

Benefits

The ScreenBeam 960 increases productivity and collaboration by enabling real mobility, interactivity and collaboration in meetings, consultations and classrooms. Start meetings more quickly, communicate with patients and medical practitioners anytime and anywhere, and interact with students and meeting participants directly by roaming the room with your mobile device.

Modern Meetings

Business professionals boost productivity and collaboration in meetings and conference rooms with the ScreenBeam 960. Users won't have to scramble to find the right cable or shuffling seats to sit near the projector. With ScreenBeam 960, modern devices connect to the display with ease and users may present from anywhere in the room.

Untethered Teachers

Teachers are now free to move around the classroom, creating an interactive and collaborative learning environment. The ScreenBeam 960 is ideal for large school districts and university campuses that are dedicated to transforming the classroom footprint into focused learning spaces to encourage collaboration, creativity and innovation.

Remote Management

Easily manage ScreenBeam receivers distributed throughout multiple conference rooms, classrooms, buildings, and locations. With ScreenBeam Central Management System (CMS), IT can remotely access ScreenBeam receivers that are located within the network to configure and group receivers by location, push firmware updates and change group policies.

Advantages

More effective meetings, more proactive patient interaction, more collaborative learning

Interactive touch screen support

True enterprise-class wireless collaboration

Real-time interaction

Increased productivity

Switch presenters seamlessly

High performance, robust connectivity

Includes CMS for remote management by IT



Features

ScreenBeam 960 includes the security, performance and manageability required to scale across large organizations and educational campuses. It supports the Miracast wireless display standard using either a Wi-Fi Direct peer-to-peer (P2P) connection or network infrastructure depending on the user device.

Windows and Android devices connect with wireless display over P2P, eliminating the requirement of a Wi-Fi connection or an additional application. Heavy video traffic can be moved off the network, saving valuable bandwidth, and the user can display any high-def content with little to no latency.

MacOS and iOS devices connect with wireless display over infrastructure, which may require a Wi-Fi connection or additional application.

- Enterprise-grade Wi-Fi Miracast wireless display receiver
- Specifically designed for commercial applications: enterprise-grade wireless environments, high reliability, remotely manageable
- Configurable wireless channel for Miracast P2P operation
- Adjustable wireless transmission power for discovery and operation range
- Compatible with Windows, MacOS, and Android. iOS coming soon.¹
- Miracast over infrastructure connection
- Configurable and secured PIN connection for authorized presenter
- Quick to deploy without requiring software installation²
- Supports interactive displays and projectors³
- Support up to 1080p30 HD resolution
- Integrated VGA output with analog audio, and VGA pass-through to support legacy projector display
- Supports industry-standard wireless and network security
- Includes ScreenBeam Central Management System software for IT remote management

1. Miracast over P2P support is available for Windows 10/8.1 and Android 4.4 (and later). MacOSX and iOS wireless display operates over infrastructure network.

2. Wi-Fi Miracast wireless display is native to the Windows 10 and Android 4.4 (and later) operating system's user interface.

3. Supports USB HID touch display. Works best with InGlass™ technology touch displays. Touch support is native to Windows 10 devices.

Technical Specifications

Compatible OS/Device

Miracast P2P wireless display requires certified device with either;

- Windows 10 build 1607 (and later)
- Android 4.4 (and later)

Wireless display over network requires device with either;

- Windows 10 build 1709 (and later)
- Windows 7 (and later)
- MacOS 10 (and later)
- iOS 11 (and later)

Language

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 ⁴	Up to 1080p30 resolution	
Ethernet	10/100 RJ-45 LAN	
Wireless	Miracast P2P: 802.11a/b/g/n dual-band Infrastructure: 802.11a/b/g/n dual-band	
Authentication	WPA-PSK (TKIP)	
Protocol	WPA2-PSK (AES), PEAP-MSCHAP V2, EAP-TLS	
Interfaces	1 x HDMI Output 1 x VGA Input (Pass-through) 1 x USB 2.0 Host Type-A	1 x VGA Output 1 x Analog 3.5mm audio output 1 x DC Power Jack
Content Protection ⁵	HDCP 2.x	
Power	Input: 5VDC, 2A Consumption: Less than 5W	
Dimensions	6.61 x 6.61 x 1.36 inch (168.0 x 168.0 x 34.5 mm)	
Temperature	Operating: 0° – 40° C (32° – 104° F), Storage: 0° – 70° C (32° – 158° F)	
Humidity	Operating: 10 – 85% non-condensing, Storage: 5 – 90% non-condensing	

Regulatory and Compliance

North America	FCC, IC, and UL
European Nation	CE, RED, and RoHS
Asia Pacific	NCC, WPC, MIC/TELEC, SRRRC, and RCM
Latin America	COC, NOM-NYCE, MTC, CRC, and SUBTEL

Certification

Wi-Fi Miracast Standard (in progress)

Warranty

Localized to country of sale

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

5. Content protection is not available for Mac/iOS



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Industry Leader

ScreenBeam wireless display is the only solution that truly enables commercial deployment of secured and IT manageable wireless display. ScreenBeam wireless display is the industry standard for benchmarking and device interoperability, making it the most broadly compatible solution available. ScreenBeam solutions are used as the validation platform for wireless display functionality by companies like Microsoft, Intel, and leading PC OEM and device companies.

Actiontec is Microsoft's co-engineering partner for wireless display technologies in Windows. Because of Actiontec's status as the industry leader, and our ongoing investment in supporting industry device manufacturers, you can be assured that you're deploying the most broadly compatible, feature-rich wireless display platform.

