



# ScreenBeam 750 Wireless Display Receiver

For Small-to-Medium Scale Deployments

The **ScreenBeam 750** is a wireless display receiver ideal for small-to-medium sized campuses and businesses which need wireless display connectivity to modernize and improve productivity.

ScreenBeam 750 is an enterprise-grade wireless display receiver that modernizes classrooms, and conference and meeting rooms with the latest Miracast wireless display technology. Wireless display means increased mobility and no chance of delays due to lost or mismatched cords.

It comes complete with ScreenBeam Central Management System (CMS)<sup>1</sup> software to support the remote management of ScreenBeam devices at scale, providing enterprise-class security and manageability that IT departments need.

## Benefits

The ScreenBeam 750 improves collaboration and increases productivity by enabling true mobility through cost-effective technology. Teachers and presenters freely roam the room while presenting from a mobile device, providing more opportunity to engage and collaborate with their students and audience in real time.



ScreenBeam | 750

Catalog no.: SBWD 750

Model name: SBWD100B

### **Untethered Teachers**

Teachers are untethered from projector cables to foster mobile teaching and personalized learning experiences. ScreenBeam 750 enables proximity control, helping teachers hold students' attention, and monitor behaviors during the lesson. Teachers can supplement curriculum with rich visual content that helps students to understand concepts better.

### **Modern Meetings**

Business professionals boost meeting productivity and collaboration with the ScreenBeam 750. Modern devices wirelessly connect to the room display quickly so meetings start on time. Users present from anywhere in the room and easily transition to the next presenter without any delay. Eliminating ugly cables make conference rooms more modern and attractive.

### **Remote Management**

Easily manage ScreenBeam receivers distributed throughout multiple conference rooms, classrooms, buildings, and locations. With ScreenBeam Central Management System (CMS)<sup>1</sup>, 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 collaborative learning, more effective meetings

True wireless collaboration

Real-time interaction

Increased engagement and productivity

Switch presenters seamlessly

No Wi-Fi required

High performance, robust connectivity



## Features

The ScreenBeam 750 includes the security, performance and manageability expected by school campuses and small-to-medium businesses. It supports the Miracast wireless display standard, enabling Windows and Android users to connect directly to computers, tablets, and mobile devices. ScreenBeam forms a peer-to-peer connection for the mobile device so a Wi-Fi network is not required. Heavy video traffic can be moved off the network, saving valuable bandwidth. Thus, users can present high-definition content seamlessly with little to no latency.

- Industry-standard Miracast<sup>2</sup> wireless display adapter
- Designed specifically for commercial applications: poor wireless environments, high reliability, remotely manageable
- Compatible with Windows 10, 8.1, and Android devices<sup>3</sup>
- Supports up to 1080p30 HD resolution
- Configurable secured and hidden PIN enforcement for presenter connection only
- Selectable wireless channel for Miracast P2P operation
- Supports industry-standard wireless and network security for network connectivity
- Includes Central Management System (CMS) for IT remote management

## Technical Specifications

### Devices Supported / Compatibility

Windows 10/8.1 laptops, tablets, and two-in-ones with wireless display support  
 Surface Pro 3, Pro 4, Pro Book, and Pro  
 Windows 7/8 with ScreenBeam USB Transmitter  
 Android mobile devices with wireless display support

### Requirements

HDTV or projector with available HDMI or VGA port

### System Requirements

Windows 10 and 8.1 (with Miracast wireless display support)  
 Windows 7/8 with ScreenBeam USB Transmitter (sold separately)

1. CMS Ethernet Version/Wireless (sold separately)
2. Wi-Fi Alliance, [www.wi-fi.org](http://www.wi-fi.org)
3. Windows 10, 8.1, and Android 4.2 (or higher) with wireless display.  
 Windows 7/8 requires ScreenBeam USB Transmitter (sold separately)





## Hardware Specifications

Video	H.264 compression; Supports up to full 1080p30 resolution
Audio	LPCM Stereo 2.0
A/V interface	HDMI Type-A female connector; VGA via adapter (included)
Wireless	802.11n Dual-Band   WPA-AES 128-bit, WPS Virtual PBC, AES 128-bit
Content Protection	HDCP 2.x
Power Input	Input: 5V/2A Consumption: Less than 5W

## HDMI-to-VGA Adapter (Model #YZ-050)

Supports VGA output, 10-bit resolution up to 165 MGz pixel rate of up to (1080p and UXGA)  
Supports LPCM

Supports **VGA output:** 480I/P, 576I/P, 720P, 1080I/P, 640x480, 800x600, 1024x768, 1280x720, 1280x768, 1280x800, 1280x960, 1360x768 and 1920x1080

Does not support protected content playback

## Regulatory and Compliance

FCC, IC, UL, CE, SRRC, C-Tick, RoHS, WEEE, TELEC, EAC, IDA, WPC, NCC, OFTA  
Certified for all major regions (North America, EU/EMEA, APAC, Australia, Russia and South America)

## Certification

Certified Wi-Fi Miracast Standard

## Disclaimers

VGA does not support protected content (HDCP)  
Actual display resolution depends on a number of factors, including source signal quality  
Minimum system requirements apply  
Not compatible with iOS devices

## Warranty

One year

## 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.



**Corporate Headquarter**  
760 North Mary Avenue  
Sunnyvale, CA 94085

**Asia-Pacific Office**  
22F, No.76, Sec. 2, Dunhua S. Rd.,  
Da-an District, Taipei, 106, Taiwan

**Sales Inquiry**  
Email: sales@actiontec.com.tw  
+ 886 2 2709-0000 ext. 311

**Technical Support**  
<https://actiontec.zendesk.com/>  
Email: support@actiontec.com.tw  
+ 886 2 2709-0000 ext. 327

Authorized Partner