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ScreenBeam®

ScreenBeam 750 Wireless Display Receiver



This guide provides step-by-step instructions on how to set up and configure the ScreenBeam wireless display receiver for deployment. After completing the steps described in this guide, you will be able to place the receiver at your site and provide wireless display to users.

Specifications

- **Product Name:** ScreenBeam 750 Wireless Display Receiver
- **Catalog Numbers:** SBWD750E, SBWD750W
- **Compatibility:** Windows 10 device with Wi-Fi Miracast wireless display
- **Package Contents:** USB-to-Wireless, Quick Setup Guide, Regulatory flyer

Before You Begin

Before deploying ScreenBeam products, check for the latest firmware and release documentation.

- For the ScreenBeam receiver's deployment guide, firmware upgrades, and release notes, go to: <https://support.screenbeam.com/750>.
- For the ScreenBeam Central Management System (CMS) software and user guide, go to: <https://support.screenbeam.com/cms>.
- For an online tutorial on how to connect your Wi-Fi Miracast device to ScreenBeam, go to: www.screenbeam.com/setup.
- For Open Source information, go to: <https://opensource.screenbeam.com>.

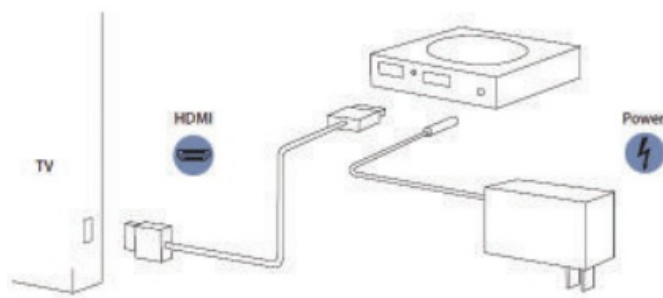
Package Contents

- ScreenBeam 750 wireless display receiver
- Power supply
- HDMI® cable
- HDMI-to-VGA dongle and 3.5mm audio cable
- CMS network dongle (USB-to-Ethernet or USB-to-Wireless)
- Quick Setup Guide (this document)
- Regulatory flyer

Setup Requirements

- TV/projector/monitor with available HDMI input
- Windows 10 device with Wi-Fi Miracast wireless display

Connect the Receiver to the Display



1. Place the receiver next to the display.
2. Using an HDMI cable, connect one end to the receiver's HDMI port and the other end to the HDMI port on the TV.
3. Connect one end of the receiver's power supply to the receiver's power port, and the other end to an electrical wall outlet.
4. Turn on the display and switch to the HDMI input to which the receiver is connected.
5. Wait about 30 seconds, then verify that the Ready to Connect screen appears on the display.

Note: If VGA connection is preferred, refer to the ScreenBeam receiver's user guide for additional details.

- The ScreenBeam 750 receiver is ready to connect with Wi-Fi Miracast client devices. If you wish to configure for deployment now, please see the Remote Management Setup Guide.

Connect From Your Device

1. For an online tutorial on how to connect your Wi-Fi Miracast client device to ScreenBeam, go to www.screenbeam.com/setup.
2. Using a Windows 10/8.1 client device, connect to the receiver's name as displayed on the Ready to Connect screen.

3. Enter the PIN code if required.
4. The client device's screen appears on the display.

Note: The tutorial webpage will display the instructions based on the client device's OS. If the client device's OS is different from what the user(s) will use, then manually select from the links below for instructions about that OS.

Note: If the PIN code does not show on the display, then try the default code 12345670.

Tip: Press the hot keys Windows + P and select a project mode.

Congratulations! Your TV/Projector is now enabled with wireless display.

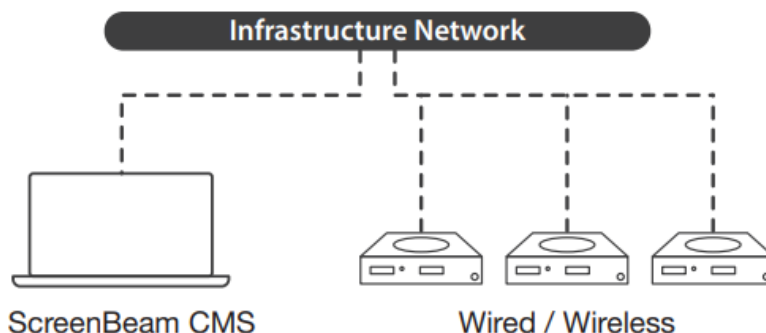
For FAQs, troubleshooting tips, and support, go to: <https://support.screenbeam.com>.

Prepare ScreenBeam Management

Using ScreenBeam CMS software

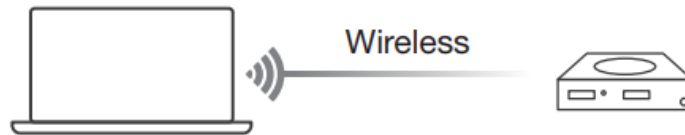
ScreenBeam Central Management System can configure, update, and manage all of your receivers. It's a highly recommended tool for multi-unit deployment and post-deployment.

1. To obtain CMS software and the CMS User Guide, go to:
<https://support.screenbeam.com/cms>.
2. Refer to the CMS User Guide for setup instructions.
3. Once complete, proceed to Section C of this Setup Guide.



Using Local Management Console on ScreenBeam

If using CMS you will not need to use local management. Local management console can configure and update only one ScreenBeam receiver at a time.



Wireless P2P Direct Connection

This step requires a Windows 10 Miracast-capable device

1. Locate the receiver name in the bottom left corner of the Ready to Connect screen
2. On a Windows 10 device, simultaneously press the Windows + K keys to open the Connect menu. If you have a tablet device, swipe from the right for the Connect option. Select the receiver name from the list that matches the name shown on the display.
3. If prompted, enter the PIN shown on the display. If no PIN is shown on the display, but the PC still prompts for a PIN, try the default PIN 12345670.
4. Select the Connect button.
5. The Windows 10 Miracast-capable device is now connected in Wireless P2P Direct and is mirroring.

Log in to Local Management Console

1. On the Windows 10 system, open a web browser.
2. Enter the following URL into the browser's address text box: <http://192.168.16.1>.
3. You may encounter a browser error that states "There's a problem with the wireless security certification." Manually accept the connection by doing one of the following:
 - For Chrome browser: click Advanced, then click Proceed.
 - For Edge/IE browser: click Continue to this webpage (not recommended).
4. When the ScreenBeam management console page appears, enter the following:
 - Username: Administrator
 - Password: screenbeam
5. Click Login.
6. The Device Configuration webpage appears.

Note: The following sections provide the necessary configuration and customization for deployment

Customize the ScreenBeam Settings

Under the Device Configuration Page

Assign New Device Name

1. From the Device Name Access option, select Enable.
2. Click the Device Name text box, then enter a new name (example: Conference TV).

Note: Each receiver should have a unique name; this makes it easier for users to identify and connect to the right TV/Projector. Supported naming characters are A-Z, a-z, 0-9, -, _.

Change the Administrator's Password

1. Click in the Administrator Password text box and enter the new password.
2. Click the Apply/Save button below to save any changes.

Customize Wireless Display Settings

Under the Features Page

Configure Force PIN Pairing

By default, the Force PIN Pairing option is enabled, and the PIN code is 12345670. This means only users with the PIN code could connect. To change the PIN pairing type or PIN code:

1. Select either On to force PIN or Off to not force PIN upon connection.
2. If Force PIN is On, you can select each connection or the First connection only.
3. Select the PIN code generation type of your choice.
4. If Static, then enter in a code of your choice.

Note: Write down the new PIN for the user(s). If the Windows 10 Miracast device has previously connected to the old PIN, its profile may need to be removed to clear the old PIN.

Configure HDMI/VGA Port Power Management

ScreenBeam is designed to display continuously. To extend the TV/projector's bulb life:

1. Select either ScreenSaver or Display Off.
2. Enter a desired period for the setting to take effect.
3. (Optional) Select a wake-up mode.

Place the Receiver at the Site

1. Unplug the power supply and HDMI cable from ScreenBeam.
2. Move the receiver to its permanent location (accessible to both power and HDMI/VGA input of the display)
3. Plug the HDMI cable into the receiver and the TV/projector.
4. Plug in the receiver's power supply.
5. Switch the TV/projector to the correct input, and verify that the Ready to Connect screen appears.

Note: If you plan to deploy with CMS for management, access to a wired (recommended) or wireless LAN is also required.

FAQs

Q: How can I update the firmware of the ScreenBeam 750 Wireless Display Receiver?

A: To update the firmware, please follow the steps provided in the ScreenBeam receiver's deployment guide available at <https://support.screenbeam.com/750>.

Q: What should I do if I encounter connection issues with my Windows 10 device?

A: If you face connection issues, ensure that both the receiver and your Windows 10 device are properly configured for Wi-Fi Miracast wireless display. Refer to the user guide for troubleshooting tips or contact support at <https://support.screenbeam.com>.

Documents / Resources



[ScreenBeam 750 Wireless Display Receiver \[pdf\]](#) User Guide
SBWD750E, SBWD750W, 750 Wireless Display Receiver, 750, Wireless
Display Receiver, Display Receiver, Receiver

References

- [User Manual](#)

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750, 750 Wireless Display Receiver, Display Receiver, Receiver, SBWD750E, SBWD750W, ScreenBeam, Wireless Display Receiver

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