Actiontec

ScreenBeam Mini 2 Wireless Display Receiver Continuum Edition

Model # SBWD60A



xxxx-xxxx-000 rev. 1

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Getting Started

Thank you for purchasing Actiontec's ScreenBeam Mini 2 Wireless Display Receiver Continuum Edition. The Receiver lets you wirelessly stream what's on an Intel WiDi or Miracast[™]-compatible device to an HDTV, including movies, videos, photos, music, and more.

On Windows 10 Continuum-ready phones and Windows 10 tablets, the Receiver can be connected to a monitor, keyboard, and mouse to get a full, PC-like experience, including using Office apps.

This user manual will take you through the procedures needed to install, connect to, operate, configure, and upgrade the Receiver.

Reset Button Micro USB Port

Features

- HDMI connector: plugs into an HDMI port on an HDTV or projector
- Micro USB port: for power and USB-over-Network access
- **Reset button**: resets the Receiver to its default settings
- LED indicator: indicates Receiver's power status

Package Contents

- ScreenBeam Mini 2 Receiver
- USB Y-cable
- HDMI extension cable
- Power adapter
- Quick Start Guide

System Requirements

To install the Receiver, the following items must be available:

- HDTV or projector with available HDMI port
- USB Y-cable
- Wireless HID keyboard/mouse (if using with wireless dock)
- Touchscreen monitor (if using with interactive touch screen)

Standard Connections

If setting up the Receiver with a standard connection, one of the following items must also be available:

- Wi-Fi Miracast capable devices such as laptops, tablets or smartphones with running Windows 8.1/10 or Android 4.2+
- Compatible laptops or tablet with Intel WiDi v4 (or newer) running Windows 7/8

Wireless Docking

If using with a wireless dock, one of the the following items must be available:

- Windows 10 smartphone with Continuum feature support
- Windows 10 laptop, tablet, 2-in-1, or device with Intel Haswell (or newer) processor
- Windows 7/8/8.1 device with Intel WiDi v5 support

Installing the Receiver

This chapter explains how to connect the Receiver to an HDTV. Make sure all the contents from the Receiver's package are available before starting.

Connecting to an HDTV

To connect the Receiver to an HDTV:

- 1. Get the Receiver, USB Y-cable, AC power adapter, and HDMI extension cable from the Receiver's package.
- 2. Plug the small male connector of the USB Y-cable to the Receiver's *Power* port.
- 3. Plug the Receiver into an available HDMI port on the HDTV.
- 4. Plug the large male connector of the USB Y-cable to the power adapter, and plug the power adapter to a power outlet.

When complete, the hardware should be connected as shown in the figure below:



5. Turn on the HDTV and set it to display the input from the HDMI port the Receiver is plugged into.

6. Verify that the *Ready To Connect* screen appears on the HDTV.



The Receiver is now connected to the HDTV, and ready for use.

Note: If the Receiver cannot be plugged into an HDMI port on the HDTV because the port is hard to access, or if you want to improve the Receiver's Wi-Fi reception, use the included HDMI extension cable to connect the Receiver. The connection is shown in the figure below:



Setting Up for the First Time

This chapter explains how to connect the Receiver for the first time to the source device. The source devices must be running one of the following: Windows 10, Windows 8.1, Intel WiDi, or Miracast.

Connecting via Windows 10

To connect the Receiver to a device running Windows 10:

1. Press 🗮 (Windows logo) + K keys on the keyboard of the device to display the wireless display receiver list.



2. Select the Receiver from the device list. A PIN code may be required.



3. The HDTV displays messages to show the status of the connection.



4. When the screen, below, is displayed on the device, the device has connected to the Receiver, and the device's screen is displayed on the HDTV.



Connecting via Windows 8.1

To connect a device running Windows 8.1 to the Receiver:

Note: If the screens from the procedure below do not appear on the Windows 8.1 device, go to:

http://www.actiontec.com/widi81

for the latest software update. Alternatively, the update can be acquired through the Windows Update application.

1. From the Windows desktop, go to the *Charms* menu and select **Devices**. Alternatively, press the **↓** (Windows logo) + K keys on the keyboard.



2. The *Devices* menu appears. Click **Project**.



3. The *Project* menu appears. Select Add a wireless display.



4. Select the Receiver from the *Devices* list.



5. The device connects to the Receiver. A PIN may need to be entered to connect.

• PC and devices	Printers P Microsoft XPS Document Writer		
Lock screen Display	Projectors		
Connecting to SBWD DEDC71-SBWD60A			
Follow any instructions on your television.			
	Cancel		
Disk space	SIND DCDID-SINDINA Net connected		
TC IIIO	Download over metered connections		
	To help prevent extra charges, keep this off so device software (drivers, info, and apps) for new devices won't download while you're on metered Internet connections.		

6. The HDTV displays messages to show the status of the connection. When finished, the device is connected to the Receiver and the device's screen displays on the HDTV.



Connecting via Intel WiDi App

To connect a device running Intel's WiDi application to the Receiver:

- 1. Launch the Intel Wireless Display Application on the device. To find the application, go to *Windows Search* on the device and search for **Intel WiDi**.
- 2. The *Intel WiDi* application scans for available receivers automatically. Select the Receiver and click **Connect**. (Activating *Connect Automatically* is optional.)

) Intel® with	wiDi	Detected Wireless Displays				(intel)
	Wireless displa	ys	Status	Model	Signal	
		Actiontec DAB6	Available	SBWD100B	la.	
		SBWD DEDC71	Available	SBWD60A	ſ.	
	a	Actiontec 194F	Available	SBWD100A		
? Help					(Ŭ) ∑can	Settings

Note: If the Receiver is not found, click Scan to scan again.

3. Wait until the Receiver displays a PIN on the HDTV, and a PIN entry box is displayed on the WiDi device. Enter the PIN in the PIN entry box on the WiDi device, then click **Continue**.



4. The HDTV displays messages to show the status of the connection.



5. A *Connection Successful* screen appears on the Intel WiDi device. Click **Finished**. The device's screen is displayed on the HDTV.



Adjusting the HDTV Picture

If edges of the device screen cannot be seen on the HDTV or black edges appear around the image, the cropping settings can be adjusted. To do this:

- 1. Go to the Intel WiDi application and click **Settings**. The *Settings* page appears.
- 2. Click **Picture and Sound**.



2. The *Picture and Sound* page appears. Click Adjust cropping.

d Intel® WiDi	- 0 ×
€ Settings - Picture and Sound	(intel)
To change the arrangement of your display press (P) (P) on your keyboard. Extended video mode will enable full 1080p HD. Adjust.copping you cannot see the edges of your computer screen on the wireless display Cat Heigh for yourd p to roblems. Cat Heigh for sound problems. The writer display word is the others tuned up on your advects display and company) Play Sample	
⑦ ^{此中}	6 CO Hgme Settings

3. Adjust the HDTV picture by clicking + or - near the bottom of the screen.

	Intel® WiDi	- 8 ×
¢	Settings - Adjust Edge Visibility	(intel)
	If your computer screen does not look correct on the wireless display, you may need to adjust the size. If your picture is too small, you will see black borders around the edges of the wireless display. Increase the size of the picture using the plus button.	
	If your picture is too big, the picture will extend off the edge of the wireless display. Decrease the size of the picture using the minus button. Tip: Look at the Start menu in the lower left hand comer and use the pictures below to help you tune your display. Tip: Look at the Start menu in the lower left hand comer and use the pictures below to help you tune your display. Too big Just right Too small Too small	
? Help	(a) Home	Settings

WiDi Software Version Support

Make sure the device supports Intel Wireless Display (WiDi) software version 3.5 or higher. To find out which version of Intel WiDi the device is running, launch the Intel WiDi application, click **Help**, then navigate to the *About Intel*[®] *WiDi* section. To obtain the latest Intel WiDi software and drivers, go to:

http://www.intel.com/go/wirelessdisplayupdate

or click Check Intel[®] WiDi website for updates.

Z Intel® WiDi	- 6 ×
€ 📶 About Intel® WiDi	(intel)
Version: 4.2.24.0 <u>Copyright 2.2010 2013 Intel Corporation</u> <u>Check Intel® WID: website for updates</u>	
() Keip	Activate Windcon Go to PC settings to Home Settings

Connecting via Miracast

This section explains how to connect a Miracast-enabled Android device, such as a smartphone, a tablet, or a game console, to the Receiver. For the best performance, the Miracast device should be running the latest software.

1. On a Miracast-enabled Android device, locate and open the *Wireless Display* application (check for the application under *Settings*).

Note: The name of the Wireless Display Application depends on the device type and model. Refer to the device's user manual for more details.

- 2. The Wireless Display Application scans for available devices. Select the Receiver from the device list. A PIN code may need to be entered, and will be displayed on the HDTV screen.
- 3. Wait for the device to pair with the Receiver. When it does, the device's screen will be displayed on the HDTV.

Tips for Optimal Performance

For optimal performance, try the following:

- Keep the Receiver within line-of-sight of the source device. Doing this will help ensure the Receiver receives the best possible signal.
- The Receiver's optimal wireless range is within 30 feet from the source device. However, actual range and effectiveness depends on many factors, including other sources of interference and the building materials used in the surrounding structure.
- Avoid placing the Receiver near wireless interference sources, such as electric fans, items with motors, microwave ovens, or cordless phones.

Display and Control Options

This chapter describes the display modes and control options that are supported by the Receiver.

USB over Network Control

The Receiver's USB Local Access feature (UoIP/UIBC) allows the use of USB HID peripheral devices, either from the source device or from the USB device side. To connect a USB keyboard/ mouse:

1. Connect the USB device to the female USB port on the USB Y-cable (see figure, below), and wait for the device to be detected. This may take 10-15 seconds.



2. Use the USB keyboard/mouse to control the source device.

Display Mode

The Receiver supports three display modes when connected to a compatible wireless display application (Intel WiDi or Windows 10/8.1 Project, for example). To launch display options, press the **#** (Windows logo) and P keys simultaneously to generate the display options screen (the upper figure is for Windows 10; the lower, Windows 8.1):

	Project Project to a connected screen Disconnect	
	Duplicate	
	Extend	
	Second screen only	
Computer only	Duplicate Extend	Projector only

Duplicate

Clicking **Duplicate** from the display mode menu enables *Duplicate* mode. This mode is used to display the same content on both the device's screen and the HDTV simultaneously.

Note: There may be minor delay between the content displayed on the HDTV screen compared to the device's screen. This is due to the current state of wireless display technology.

Extend

Clicking Extend from the display mode menu enables *Extend* mode. This mode creates a single, extended "screen" between the source device and the HDTV. When in Extend mode, dragging windows to the right side of the device's screen displays those windows on the HDTV, while dragging windows to the left of the HDTV screen displays them back on the device's screen. This allows users to display selected content on the HDTV, while all other windows remain on the device's screen. When this mode is first selected, the HDTV displays only the Windows desktop.

Second Screen

Clicking **Second Screen Only** from the display mode menu enables *Second Screen Only* mode. This mode causes the HDTV to be the only display for the device, while the device's screen remains blank.

Ultra-Low Delay

The Receiver also supports ultra-low delay, which helps reduce end-to-end wireless display latency. Real-time applications, such as games, can run without noticeable delay when *Ultra-Low Delay* mode is enabled on supported devices. Ultra-Low Delay operates only on devices running Intel WiDi 3.5 or higher. To activate:

1. Launch the Intel WiDi application, connect to the Receiver, then click Settings.



2. The Settings screen appears. Select Current Display Settings.



3. The *Current Wireless Display* screen appears. Click in the radio button next to *Prioritize Speed*, then click **Apply Settings**. Refer to Intel's support documentation for more information.

Entel 8 WiDi	Settings - Current Wireless Display	(intel)
Wire SBW	eless Display Name WD DEDC71 Connect automatically to this wireless display		
Qual Forg © F	Ility vs. Speed gene doose speak for photo, presentations, and most other uses, droose quality. Prioritize Image Quality Prioritize Speed		
A	Apply Settings		
Wire	eless Display Detailed Info		
(?) Help		Home	Settings

Restore Default Settings

To restore the Receiver's default factory settings:

- 1. Power on the Receiver, and wait until the *Ready to Connect* screen appears.
- 2. Hold down the Receiver's *Reset* button.
- 3. When the *Resetting to Factory Defaults* screen appears on the HDTV, release the Reset button.

After the Receiver reboots, it will be running with its default settings.

Troubleshooting and FAQs

This chapter describes some problems you may encounter using the Receiver, and possible solutions to those problems. Also included are frequently asked questions (FAQs), and answers to those questions.

Troubleshooting

Why can't I see anything on the TV, or my ScreenBeam Mini 2 keeps rebooting?

- Make sure the Receiver and all its cables are securely connected as shown in the diagram.
- If you've connected the wireless keyboard/mouse to the Receiver, make sure the USB power cable is connected to the provided power adapter, as certain displays may not supply enough power to properly operate the Receiver.
- Make sure you have your display's input switched to the same HDMI port as the Receiver.
- Make sure you have completed the setup steps (go to: <u>www.actiontec.com/setupsb</u>) and the display is set to **Duplicate**.

I'm not seeing anything on my HDTV screen after powering on the Receiver.

Check the cable connections and make sure the TV Input setting is the same as the HDMI port to which the Receiver is connected.

After upgrading from Windows 8 to Windows 8.1, I can no longer connect to the Receiver, or I'm having problems with my connection.

Make sure you've followed Intel's instructions after the upgrade. Refer to Intel's WiDi website (go to <u>http://www.actiontec.com/widi81</u>) for more information.

Intel WiDi does not work after upgrading to Windows 8.1 and I can't connect to ScreenBeam Mini 2.

Windows 8.1 provides a native Miracast feature. Previous Intel WiDi systems upgraded to Windows 8.1 must use the *Project* feature. To connect with the Receiver, go to Charms > Devices > Project > Add a wireless display > Connect to ScreenBeam Mini 2 receiver.

The Desktop/Tablet mode switching notification does not appear on my Windows 10 device when I connect my wireless keyboard/mouse to the ScreenBeam Receiver.

If the notification does not appear, double-click **Action Center** in the bottom right corner of the desktop. Click it on or off to switch between *Tablet* and *Desktop* mode.

In some instances, I can't connect to the Receiver from WiDi after installing antivirus software.

Add Intel WiDi to the antivirus-approved whitelist of applications, and then reconnect.

I'm seeing artifacts and experiencing a choppy, juddering video stream.

In noisy Wi-Fi environments, audio and video freezes may be observed while playing video content, and longer than expected latency may occur when streaming. To ensure you have an optimal Wi-Fi environment:

- If your Receiver is directly plugged into the HDMI port on the back of your HDTV, reconnect the Receiver to the HDTV with the HDMI extension cable provided and place the Receiver in front of your HDTV and in direct line of sight with your device.
- Disconnect and reconnect the Receiver.
- If the source device is connected to a wireless router, restart the router, or change the wireless channel on your wireless router/AP. Refer to the wireless router's user manual for more information.

I'm seeing choppiness and brief pauses while watching Internet video on my Miracast device.

Wireless interference may cause Internet video playback to be choppy. If this occurs, try the following:

- Disconnect the device from the Receiver. Make sure the Internet connection is good and that the video playing on the phone is smooth.
- Clear the YouTube cache and try playing the video again.

I'm seeing choppiness and brief pauses while watching local video on my Miracast device.

Wireless interference may cause the video playback to be choppy. If this occurs, try the following:

- Make sure you're in the same room as the Receiver is.
- Set the media player to use the H/W decoder, if available.
- Reboot the Miracast device and Receiver and connect again.
- Avoid moving the Miracast device around too much.
- Change the wireless channel on your wireless router/access point.

NVIDIA Shield does not see my ScreenBeam Mini 2 Receiver, or it sees the Receiver as "unavailable" or "busy" even after a rescan.

Exit out of the NVIDIA's Miracast settings window and go back.

My Windows 8.1 displays to the TV but the four edges are cut off (overscan).

This is expected with some system's supported display resolution. You can adjust Windows screen resolution settings to fit the computer's screen on your TV display.

When I connect to an access point or wireless router with an active WiDi session, the WiDi connection drops.

This is a known issue with Intel WiDi, and happens with either 3.5.41.0 or 4.0.1.8 on both Windows 7 and 8. Re-connect the WiDi session or connect to the AP first before starting a WiDi session.

I encounter connection failure with ScreenBeam Mini 2 and my device can't connect to it any more.

- Reboot the Receiver and try connecting again. Or, reboot your device and try reconnecting.
- Reboot both the Receiver and your device and try connecting again.
- If you are using a Windows 8.1 operating system, go to Change PC settings > PC and Devices > Devices > Projectors, then remove the profile of ScreenBeam Mini 2 from your device, and try connection again.

I can't connect to the Receiver with ScreenBeam Configuration Utility on my device. The Utility can't find the Receiver.

In Windows 8.1, you must connect your device to the Receiver at least once. In doing so, the profile of the Receiver is saved to your device. Then the Utility on your device can connect to the Receiver.

In Windows 7/8, you must connect your device to the Receiver with Intel WiDi first, and then the Utility on your device can connect to the Receiver.

In Windows 8.1, I can't adjust the screen size with the ScreenBeam Configuration Utility. I can't find the screen size adjustment option.

The screen size adjustment option is not available if your device doesn't connect to the Receiver. You must connect your device to the Receiver first, and then launch the Utility and configure the receiver.

When I connect the my device to a wireless network (router/AP), why does ScreenBeam Mini 2 disconnect automatically?

The device's communication channel changes when you connect your device to a wireless network. As a result, Receiver disconnects from the source device.

Connect your device to the wireless network before connecting it to the Receiver. With the Receiver, device, and access point on the same channel, no connection interruption will occur.

FAQs

Does ScreenBeam Mini2 support Apple devices?

No. The Receiver is not compatible with Apple devices.

How can I tell if my device supports Wi-Fi Miracast?

Look for one of the following Miracast applications on your device.

- Wireless display
- Wireless mirroring
- Screen mirroring
- AllShareCast (Samsung devices only)
- Cast screen

Only some application names are listed above. Different manufacturers may have different names for the Miracast apps on their products. Go to the ScreenBeam Mini 2 compatibility page for a list of recommended Miracast devices.

Do I need to install drivers/apps to use the ScreenBeam Mini 2 Receiver?

- For Windows 7/8, you may need to install the Intel WiDi (3.5 or higher) application.
- For Windows 8.1, you only need to install the latest Windows updates.
- For Android 4.2 or higher, no app is required.

Note: Your device must be Intel WiDi-compatible or Wi-Fi Miracast-capable.

How can I improve my video/audio performance?

Try the following:

- Set the Receiver to use the 5G band (connect your source device to a 5G router, and then connect your device to the Receiver).
- Place your source device closer to the Receiver.
- Connect the Receiver with the HDMI extension cable provided and place it in front of the HDTV.

- Connect your device to a wireless network that is using a cleaner wireless channel or change the wireless channel on the current wireless network, and then connect the device to the Receiver.
- Turn off the Wi-Fi devices that are not in use currently.
- Avoid placing the Receiver near wireless interference sources, such as electric fans, items with motors, microwave ovens, cordless phones.

What wireless signal range can I expect with the Receiver?

The Receiver is designed to be used in the same room with the source device. For best performance, the source device should be placed within 30 feet to the Receiver.

Do I need an existing wireless network to use the Receiver?

No. The Receiver connects directly with the Intel WiDi or Miracast-enabled device, and no wireless network is needed. However, the source device needs to be connected to an Internet router or data network to view online content.

How can I upgrade the Receiver's firmware?

You can upgrade the Receiver's firmware wirelessly by using ScreenBeam Configuration Utility, which is available on Actiontec's website at: http://www.actiontec.com/sbupdate

- For Windows 8.1 devices, you can also install ScreenBeam Configuration Utility (Metro) available on Microsoft Store (tip: search for "ScreenBeam").
- For Android devices, you can also install ScreenBeam Configuration Utility (Android) available on Google Play Store (tip: search for "ScreenBeam").

How do I configure the Receiver's general settings, such as changing the language, renaming the Receiver, enabling/disable screensaver, or idling time for screensaver?

You can configure the receiver wirelessly by using ScreenBeam Configuration Utility, which is available on Actiontec's website at:

http://www.actiontec.com/sbupdate

- For Windows 8.1 devices, you can also install ScreenBeam Configuration Utility (Metro) available on Microsoft Store (tip: search for "ScreenBeam").
- For Android devices, you can also install ScreenBeam Configuration Utility (Android) available on Google Play Store (tip: search for "ScreenBeam").

How can I adjust the display to fit properly to my TV screen?

Connect your device to Receiver first, and then adjust the screen size with one of the following methods:

Go to the Intel WiDi application, and then select Settings > Picture and Sound > Adjust Cropping. Follow the onscreen instructions to adjust the screen.

- For Windows 7/8 devices, launch the ScreenBeam Configuration Utility, click Wireless, and then configure *Adjust Screen Size* in the *General* section.
- For Windows 8.1 devices, launch ScreenBeam Configuration Utility, click **Wireless Mode** to open *General Settings*, and then configure *Overscan* settings in the *TV screen size* section.
- For Android devices, launch ScreenBeam Configuration Utility, go to the device configuration page, and then adjust the TV screen size in the *TV screen size* section.

Can I extend my Windows desktop to the HDTV or projector from my Intel WiDi device?

Yes. After the connection to Receiver is established, you should see the laptop screen mirrored to the HDTV or projector.

To extend your Windows desktop to an HDTV or projector, press the Press **H** (Windows logo) and P key together, and select *Duplicate*, *Extend* or *Second screen only* mode.

Where can I find more information and get support for Intel WiDi?

For more information about Intel Wireless Display, go to: http://www.intel.com/p/en_US/support/highlights/wireless/wireless-display

My device can support Intel WiDi. Where can I find Intel WiDi on my device? And where can I obtain the latest Intel WiDi application and graphic drivers for my Intel WiDi device?

In Windows, search for "Intel WiDi" and launch the application. If Intel WiDi software is not available on your system, go to:

http://www.intel.com/go/wirelessdisplayupdate

and download the latest Intel WiDi software for your system. Make sure to also upgrade your system to the latest graphics and wireless drivers for best wireless display experience.

What is Wi-Fi Miracast?

Wi-Fi Certified Miracast is a solution for seamlessly displaying video between devices, without cables or a network connection. Users can view pictures from a smartphone on a big screen television, share a laptop screen with the conference room projector in real-time, and watch live programs from a home cable box on a tablet. Miracast connections are formed using Wi-Fi Certified Wi-Fi Direct[™], so access to a Wi-Fi network is not needed–the ability to connect is inside Miracast-certified devices.

What is Wi-Fi Direct and can I connect to the Receiver using Wi-Fi Direct?

Wi-Fi Direct is a peer-to-peer technology that Miracast connections are formed in. Even though some newer Android 4.0 and Windows 8.1 devices may detect the Receiver in the Wi-Fi Direct devices scan list, they will not be able to connect to the Receiver. The device must support Miracast to connect with the Receiver.

Can I connect to the Wi-Fi router and the Receiver simultaneously with my Intel WiDi laptop?

Yes. Connect the laptop to an available Wi-Fi router first, and then connect to the Receiver. You can then view online content and beam it to the HDTV.

Can I connect my Miracast device to the Wi-Fi router and the Receiver simultaneously?

Some Miracast devices cannot connect to both the Wi-Fi router and the Receiver at the same time. Refer to the device manufacturer's or carrier's user manual for more information.

Can I connect several Intel WiDi or Miracast devices to the Receiver simultaneously?

No. You can only connect one device at a time to the Receiver.

Can I connect to multiple Receivers simultaneously?

No. You can only connect to one Receiver at a time.

My TV/projector does not have an HDMI Input. Can I still use the Receiver?

No, you need a TV/projector with an HDMI port.

Can Microsoft Surface Pro tablet output Intel WiDi?

Originally, Microsoft Surface Pro did not support wireless display. However, it can support wireless display after you upgrade its operating system to Windows 8.1. The latest Microsoft Surface 2 and Surface Pro 2 (or higher) with Windows 8.1 can support wireless display.

Can I use the Receiver to access online content directly?

No, the Receiver does not directly connect to the Internet. You must use a source device to wirelessly stream the online content to your Receiver.

Does the Receiver support NVIDIA Shield game console?

Yes. the Receiver supports NVIDIA Shield.

Can I push media to the Receiver using DLNA?

No. The Receiver is not a DLNA media receiver.

Does the Receiver work with the Apple iPhone, iPad, or iPod?

No. The Receiver does not support Apple devices or the AirPlay protocol.

How do I set my Receiver to use the 5G band?

Generally, the 5G band provides clearer channels, and the Receiver works in this band with better performance. To set your Receiver to the 5G band, prepare a 5G router first.

Note: Not all routers support the 5G band. See the router's user manual for more information.

When a 5G router is available, connect your device to the 5G router first, and then connect your device to the Receiver.

How to identify if my device can connect to the Receiver?

The Receiver supports Intel WiDi ready and WiFi Certified Miracast devices.

- If the Intel WiDi (3.5 or higher) application is already installed on your device, your device can connect to the Receiver.
- If your device does not have Intel WiDi, try this simple method to check if your device supports Intel WiDi. Download the Intel WiDi (3.5 or higher) application and try installing it on your device. If it can be installed, your device supports Intel WiDi. If the application can't be installed, update the drivers of the graphic adapter and wireless adapter on your device first, and then install the application. If it can be installed, your device doesn't support Intel WiDi. Uterwise, your device doesn't support Intel WiDi.
- To check if your device is Miracast enabled, check if the WiFi Certified Miracast logo is printed on the package of your device or directly on your device, or, if the wireless display app is available on your device. If yes, your device can connect to the Receiver.

Specifications

General

Language: English, Simplified Chinese, Traditional Chinese, Japanese, French, German, Dutch, Korean, and Spanish
A/V Interface: HDMI, Type-A male connector
Video Output: Up to full HD 1080p30 (H.264)
Audio Output: LPCM, 2 channel stereo
Firmware Upgrade: Wireless upgrade
Dimensions: 3.86 x 1.18 x 0.47 inch (98 x 30 x 12 mm)
Warranty: Localized to country of sale

Wireless

Wireless: IEEE 802.11a/b/g/n, dual-band 2.4 GHz and 5 GHz Wireless Security: WPA2, WPS PIN Pairing, AES 128-bit Content Protection: HDCP 2.x

Electrical

Power Input: 5 V / 1 A, micro USB Power Consumption: < 4 W LED Indicator: Power On Certification: Wi-Fi Miracast[™], Intel[®] WiDi Regulatory Compliance: FCC, UL

Environmental

Operating temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage temperature: 0 °C to 70 °C (32 °F to 158 °F) Operating humidity: 10% to 85%, non-condensing Storage humidity: 5% to 90%, non-condensing

System Requirements

For connection:

- Wi-Fi Miracast capable devices such as laptops, tablets or smartphones running Windows 8.1/10 or Android 4.2+
- Compatible laptops or tablet with Intel WiDi 4 (or newer) running Windows 7/8

For wireless docking:

- Windows 10 smartphone with Continuum feature support
- Windows 10 laptop, tablet, 2-in-1, or device with Intel Haswell (or newer) processor
- Windows 7/8/8.1 device with Intel WiDi v5 support

Note: Specifications are subject to change without notice.

Notices

Warranty

This product has a one-year Limited Hardware Warranty and 90-day free software updates from the date of purchase.

Local Law

This Limited Warranty Statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.

To the extent that this Limited Warranty Statement is inconsistent with local law, this Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Warranty Statement may not apply to the customer.

Go to:

http://www.actiontec.com/products/warranty.php

for more information.

GPL Info

For GNU General Public License (GPL) related information, go to:

http://opensource.actiontec.com

EU CE Declaration of Conformity

To obtain the complete Declaration of Conformity form in softcopy, go to the Actiontec Electronics Declarations of Conformity EU/EEA website at:

http://international.actiontec.com/support/doc

The symbol below is placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.



Technical Support

Go to: http://www.screenbeam.global for product support, updates, and more information including:

- Firmware updates
- Troubleshooting
- Registration
- FAQs

Technical Support Phone Number

United States: 1-888-436-0657