# USING AN ACTIONTEC "SCREENBEAM KIT" TO CONNECT YOUR "WINDOWS.." COMPUTER TO A MONITOR OR TV

An International Association of Technology & Computer User Groups

Virtual Technology Conference
August 15, 2015

by Francis Chao
fchao2@yahoo.com

# Web location for this presentation

http://aztcs.org

Click on “Meeting Notes”

# SUMMARY

At the present time, an Actiontec "ScreenBeam" "Transmitter and Receiver Kit" is a viable way for you to wirelessly connect a "Windows.." computer to a monitor or a TV.

# ACTIONTEC "SCREENBEAM KIT"

- An Actiontec "ScreenBeam" kit consists of a "ScreenBeam Transmitter" for your Intel or AMD "Windows.." computer and a "ScreenBeam Receiver" for your TV or monitor.

# ACTIONTEC "SCREENBEAM KIT"

- Advantage of using a "ScreenBeam Kit" relative to using "Chromecast" or "EZCast":
  The "ScreenBeam Kit" provides you with a "ScreenBeam Transmitter" for your "Windows.." computer while "Chromecast" and "EZCast" rely on an existing "Wi-Fi" adapter in your "Windows.." computer and reduces your computer's network "bandwidth".

# ACTIONTEC "SCREENBEAM KIT"

- If your computer does not have "WiDi" capability and you wish use similar technology to wirelessly connect to a TV or a monitor, you **can** add an Actiontec "ScreenBeam" transmitter to a USB port at the computer end **AND** an Actiontec "ScreenBeam" receiver at the TV end:

Computer with no WiDi capability **with Actiontec "Screenbeam" transmitter (connected via USB 2 or 3)**

TV or Flatscreen Monitor **with Actiontec "Screenbeam" Receiver**

# ACTIONTEC "SCREENBEAM KIT"

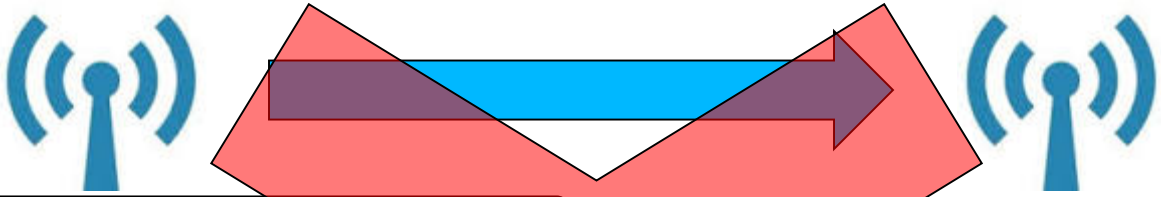
- If your computer does not have "WiDi" capability, you can install the Actiontec "ScreenBeam USB Transmitter" for it.
- If you do so, you also have to install an Actiontec "Screenbeam Receiver" at the TV end.

# ACTIONTEC "SCREENBEAM KIT"

- If you install an Actiontec "ScreenBeam Transmitter" for your computer, you have to install an Actiontec "ScreenBeam Receiver" at the TV or monitor end because no other receiver at the TV or monitor end will communicate with an Actiontec "ScreenBeam Transmitter."

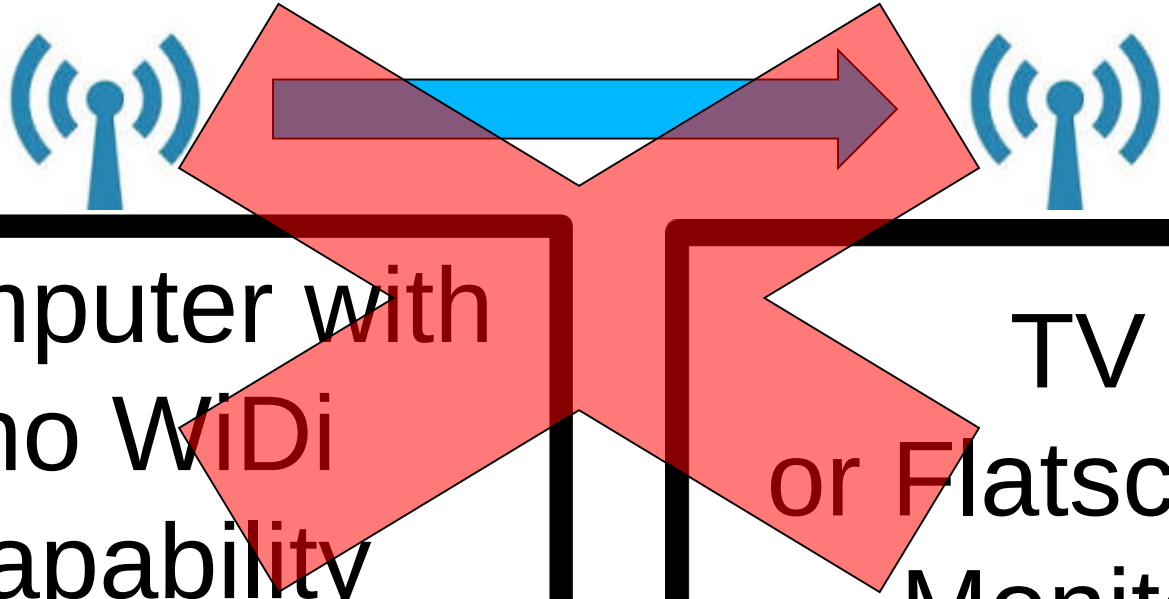
# ACTIONTEC "SCREENBEAM KIT"

- If your Intel or AMD "Windows.." computer only has one monitor attached to it, an Actiontec "ScreenBeam Kit" cannot be used to connect this single monitor to your computer.



Computer with no WiDi capability **with Actiontec "Screenbeam" transmitter (connected via USB 2 or 3)**

TV or Flatscreen Monitor **with Netgear "Push2TV" receiver**

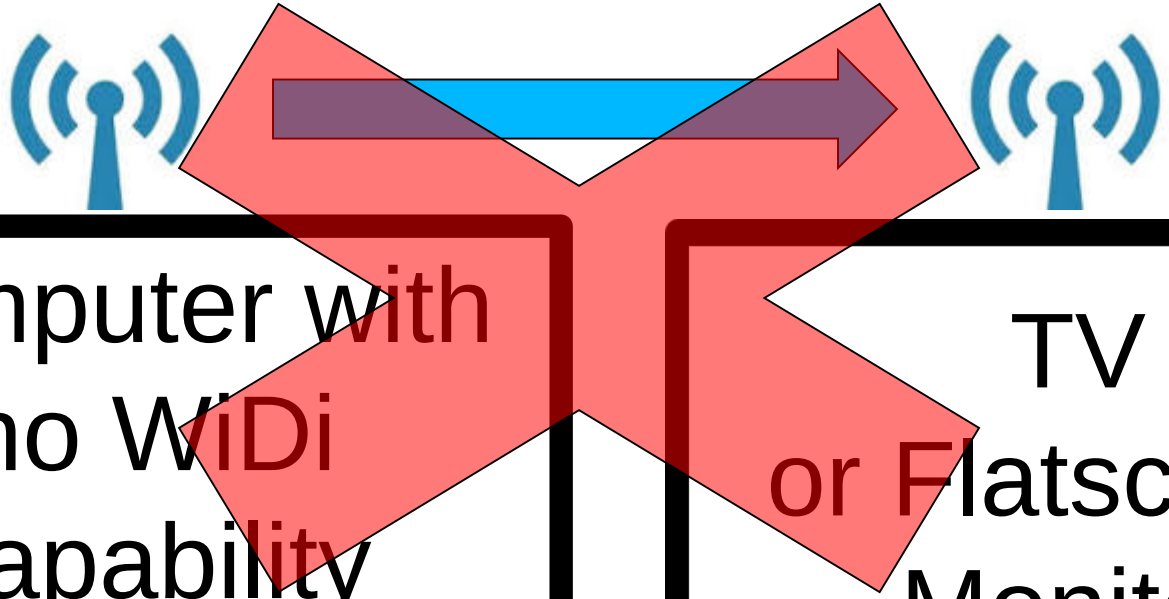


Computer with no WiDi capability

**with Actiontec "Screenbeam" transmitter (connected via USB 2 or 3)**

TV or Flatscreen Monitor

**with Microsoft "Wireless Display Adapter"**



Computer with no WiDi capability **with Actiontec "Screenbeam" transmitter (connected via USB 2 or 3)**

TV or Flatscreen Monitor **with internal Intel "WiDi" Adapter**

# ACTIONTEC "SCREENBEAM KIT"

- The Actiontec "ScreenBeam Kit" provides you with both a "ScreenBeam Transmitter" for your computer AND a "ScreenBeam Receiver" for you TV or monitor.

# ACTIONTEC "SCREENBEAM KIT"

- For more information on the "ScreenBeam Kit", see http://www.actiontec.com/298.html

Actiontec
ScreenBeam Display Receiver
SBWD100A
Actiontec

http://www.amazon.com/Actiontec-SBWD

Amazon.com: Actiontec SB...

amazon Try Prime

Electronics | actiontec

Shop by Department | Your Amazon.com | Today's Deals | Gift Cards | Sell | Help | Hello. Sign in Your Accou

All Electronics | Deals | Best Sellers | TV & Video | Audio & Home Theater | Computers | Camera & Photo | Wearable Technology | Car Electronics

‹ Back to search results for "actiontec"

Roll over image to zoom in

# Actiontec SBWD100KIT01 ScreenBeam Kit Wireless Display Receiver & Transmitter for Non-WiDi Laptops/ Miracast Devices

by Actiontec

158 customer reviews | 86 answered questions

Price: $79.99 & FREE Shipping. Details

In Stock.

Ships from and sold by Amazon.com.

**Want it tomorrow, May 14?** Order within **18 hrs 50 mins** and choose **Same-Day Delivery** at checkout. Details

- Wirelessly beam the display of your laptop, tablet or smartphone screens onto almost any HDTV
- Brilliant HD quality. Share your videos, pictures, music or surf the web on your HDTV at up to 1080p.
- Supports Windows 7 or 8 laptops/ PCs or Miracast-compatible devices
- For notebooks and Ultrabooks without Intel WiDi 3.5 and higher
- Also works with Wi-Fi Certified Miracast smartphones and tablets

› See more product details

$79.99 & FREE Shipping

intel WiDi
Wireless Display

Actiontec

# ACTIONTEC "SCREENBEAM" KIT

- For more information on the "Screenbeam USB Transmitter", see http://www.actiontec.com/299.html

# ACTIONTEC "SCREENBEAM RECEIVER"

- The Actiontec "Screenbeam Receiver" attaches to an HDMI port at the TV or monitor.
- The Actiontec "Screenbeam Receiver" is compatible with any computer that is "WiDi" capable OR any tablet or any cell phone that is "Miracast" compliant

# ACTIONTEC "SCREENBEAM RECEIVER

- The Actiontec "Screenbeam Receiver" is the **only** device for your TV or monitor that can make your TV or monitor compatible with **all** of the following wireless technologies:

✓ "WiDi" (="Intel Wireless Display")

✓ "Miracast"

✓ " AMD Wireless Display"

✓ "Actiontec Transmitter"

# ACTIONTEC "SCREENBEAM RECEIVER"

- The Actiontec "Screenbeam Receiver" is the **only** device for your TV or monitor that can make your TV or monitor compatible with " AMD Wireless Display" which is a very rare technology that is found on some AMD laptops and small-footprint computers.

WiDi-capable computer **with Intel processor chip set that has "WiDi" capability**

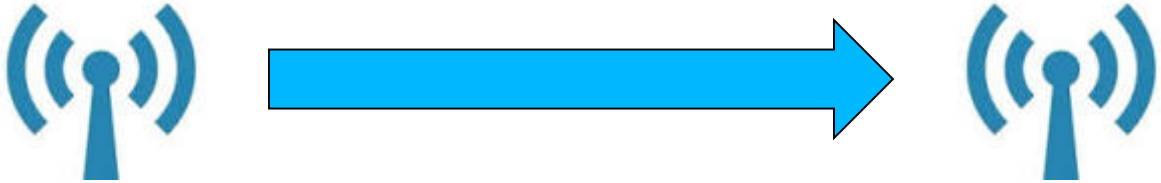
TV or Flatscreen Monitor **with Actiontec "ScreenBeam" Receiver**

WiDi-capable computer **with an AMD processor and that has "AMD Wireless Display"**

TV or Flatscreen Monitor **with Actiontec "ScreenBeam" Receiver**

Miracast-capable tablet or cell phone

TV
or Flatscreen Monitor
**with Actiontec "ScreenBeam" Receiver**



Computer with no WiDi capability **with Actiontec "Screenbeam" transmitter (connected via USB 2 or 3)**

TV or Flatscreen Monitor **with Actiontec "Screenbeam" Receiver**

# ACTIONTEC "SCREENBEAM RECEIVER”

- The Actiontec "ScreenBeam Receiver" can be purchased either separately OR as part of a "ScreenBeam Kit".

Actiontec SBWD100A01 ScreenBeam Pro Wireless Display Receiver for WiDi Laptops/ Miracast Devices

Price: $69.99 & FREE Shipping.

# "WiDi" DETAILS

- Physical installation of the Actiontec "ScreenBeam Receiver" into the HDMI port of a TV or a monitor:

Actiontec

power adapter plugs into power outlet
HDMI plug of HDMI cable plugs into HDMI jack of TV or monitor
Actiontec

http://www.amazon.com/Actiontec-SBWD100 Amazon.com: Actiontec SB...

amazon Try Prime

All actiontec screenbeam receiver

Shop by Department | Your Amazon.com | Today's Deals | Gift Cards | Sell | Help | Hello. Sign in Your Account

All Electronics | Deals | Best Sellers | TV & Video | Audio & Home Theater | Computers | Camera & Photo | Wearable Technology | Car Electronics & GPS

‹ Back to search results for "actiontec screenbeam receiver"

Roll over image to zoom in

# Actiontec SBWD100A01 ScreenBeam Pro Wireless Display Receiver for WiDi Laptops/ Miracast Devices

by Actiontec

140 customer reviews | 57 answered questions

Price: $69.99 & FREE Shipping. Details

In Stock.

Ships from and sold by Amazon.com.

**Want it Monday, May 18?** Order within **16 hrs 38 mins** and choose **One-Day Shipping** at checkout. Details

- Wirelessly beam the display of your laptop, smartphone or tablet screens directly onto your HDTV.
- Extend your device screen for multitasking and entertainment. Write emails or browse the web during a video broadcast.
- The first wireless receiver to fully support 4th Generation Intel WiDi features. Works with Wi-Fi certified Mira cast smartphones and tablets.
- Delivers smooth high-definition video with lower latency for all content, including 3D, Blu-ray and premium online video.
- For notebooks and Ultrabooks with Intel WiDi 3.5 and higher, or Wi-Fi Certified Miracast smartphones and tablets

Price: $69.99 & FREE Shipping.

# "WiDi" DETAILS

- Physical installation of the Actiontec "ScreenBeam Receiver" into the HDMI port of a TV or a monitor:

Actiontec

power adapter plugs into power outlet
HDMI plug of HDMI cable plugs into HDMI jack of TV or monitor
Actiontec

# ACTIONTEC "SCREENBEAM RECEIVER”

- If you have a monitor OR if you have a TV that is not "WiDi" capable, you should install the Actiontec "ScreenBeam Receiver" at the monitor or TV end BEFORE you install the Actiontec "ScreenBeam" transmitter at the computer end.

# ACTIONTEC "SCREENBEAM RECEIVER"

- Attach the Actiontec "ScreenBeam Receiver" to the HDMI port of the TV or monitor.
- Use the supplied the USB A to microUSB cable to connect the supplied power adapter to the microUSB port on the "ScreenBeam Receiver"

# ACTIONTEC "SCREENBEAM RECEIVER"

- Plug the supplied power adapter into a 110-Volt power outlet
- The "Screenbeam Receiver" will boot up and display an artistic phone on the video screen of the TV or monitor

# ACTIONTEC "SCREENBEAM" TRANSMITTER

- The Actiontec "ScreenBeam Transmitter" is a proprietary dual band (2.4/5Ghz) "Wi-Fi" wireless network adapter that only knows how to connect to Actiontec "ScreenBeam" receivers.

# ACTIONTEC "SCREENBEAM TRANSMITTER"

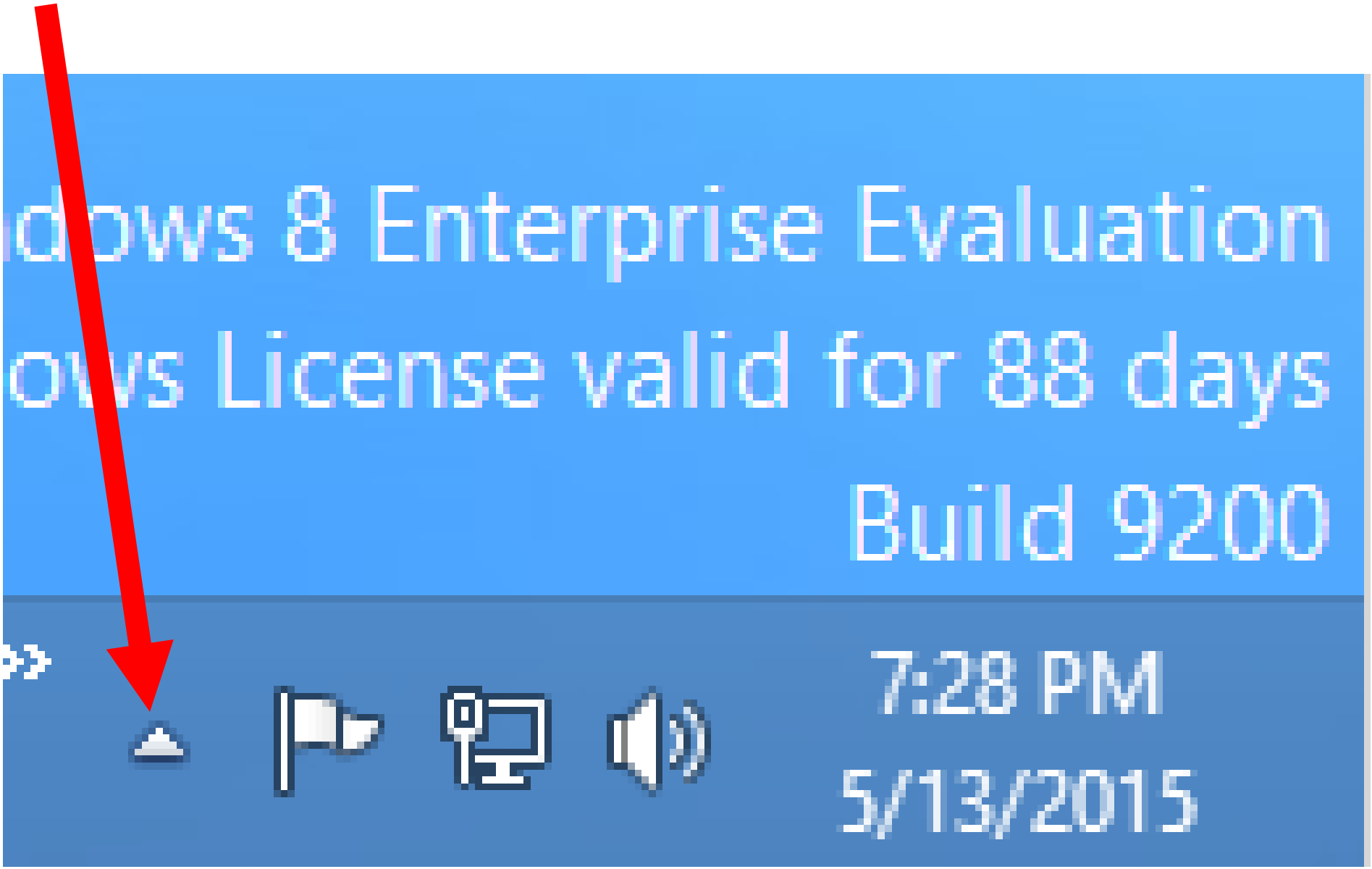
- Insert the "ScreenBeam Transmitter" into an available USB 2 or 3 or 3.1 port of your Windows.. computer
- Then download "ScreenBeam PC Software" from http://www.actiontec.com/products/sbupdate.php

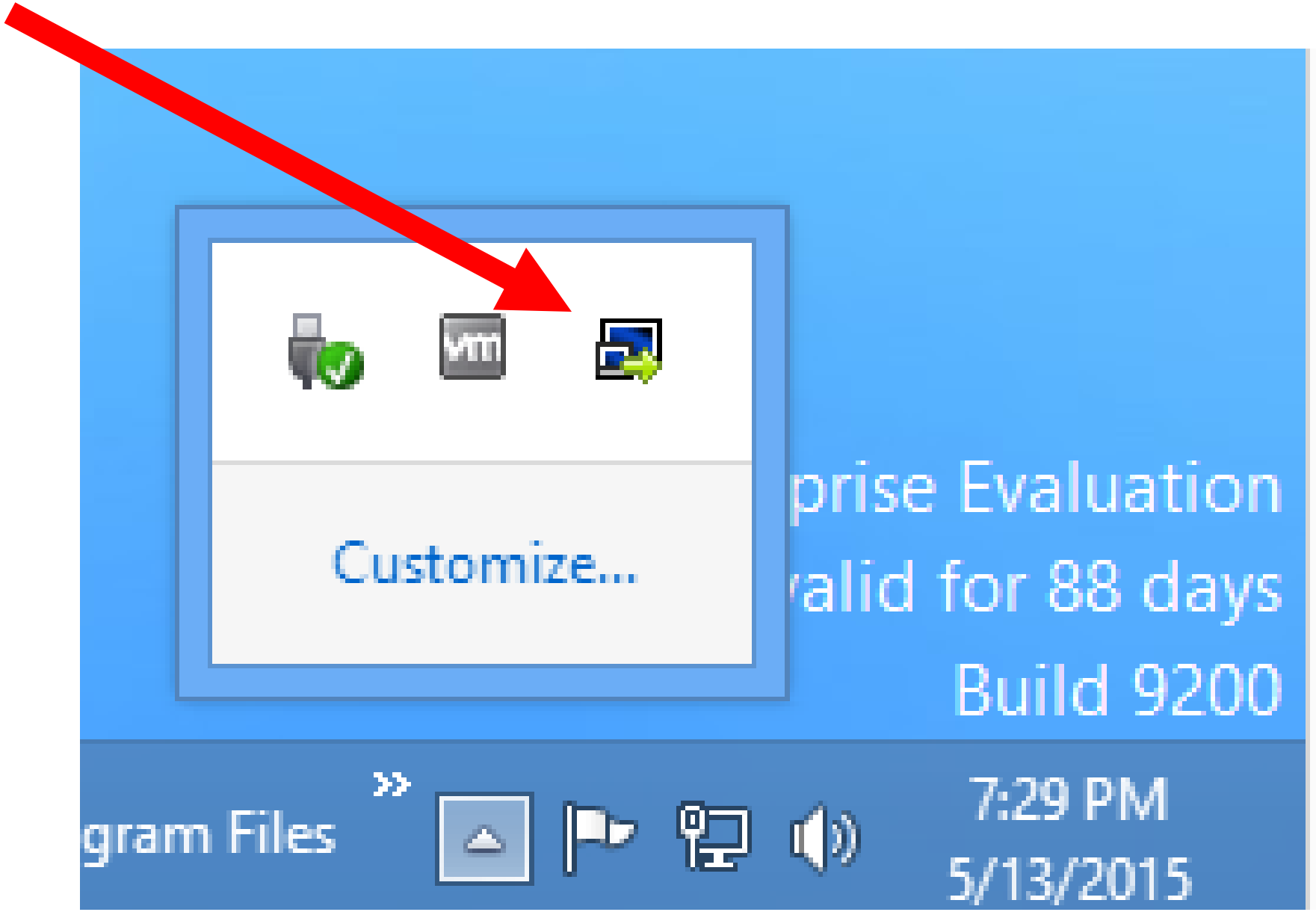
# ACTIONTEC "SCREENBEAM TRANSMITTER"

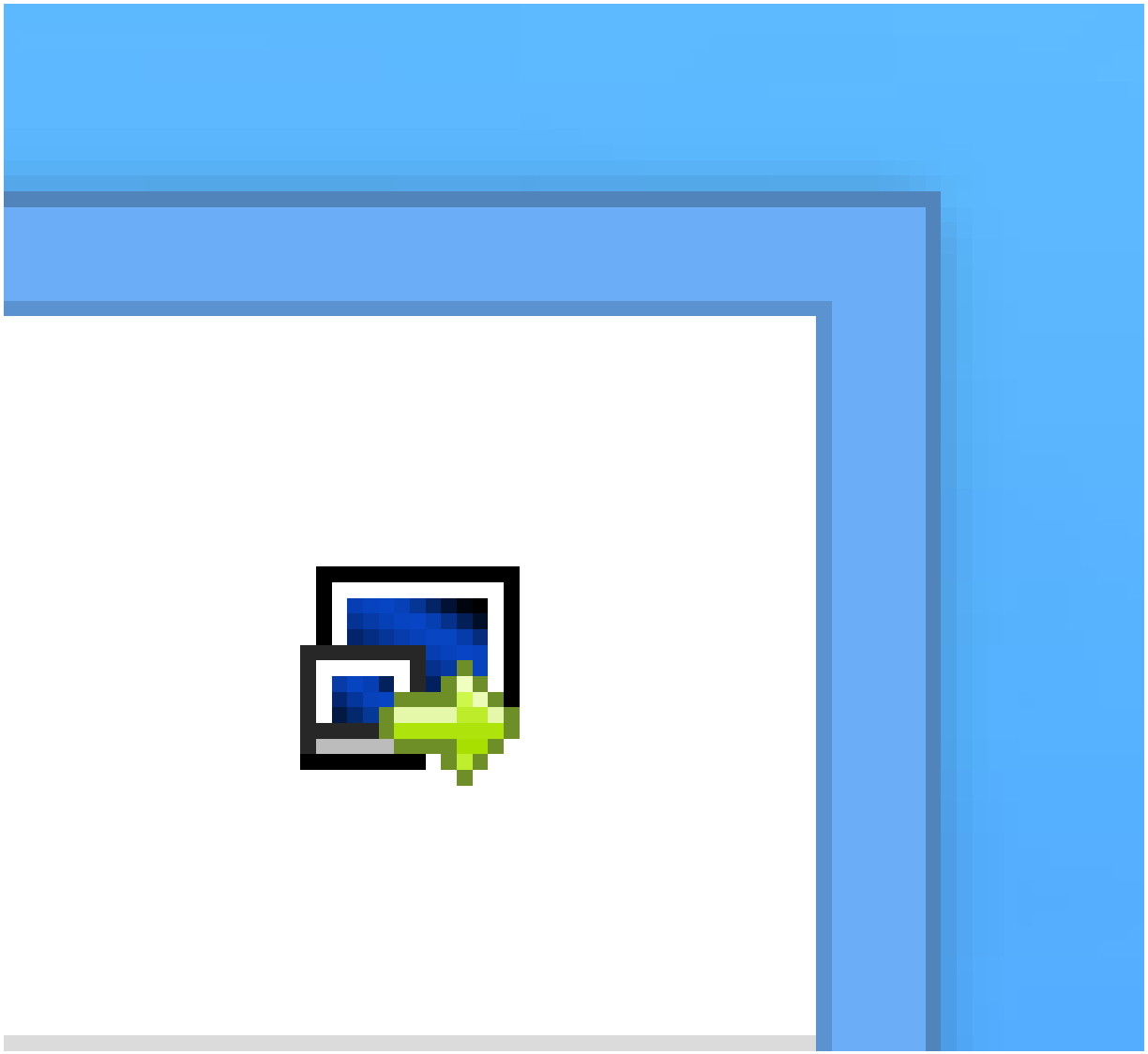
- For a Windows.. computer, download "ScreenBeam PC Software" from http://www.actiontec.com/products/sbupdate.php

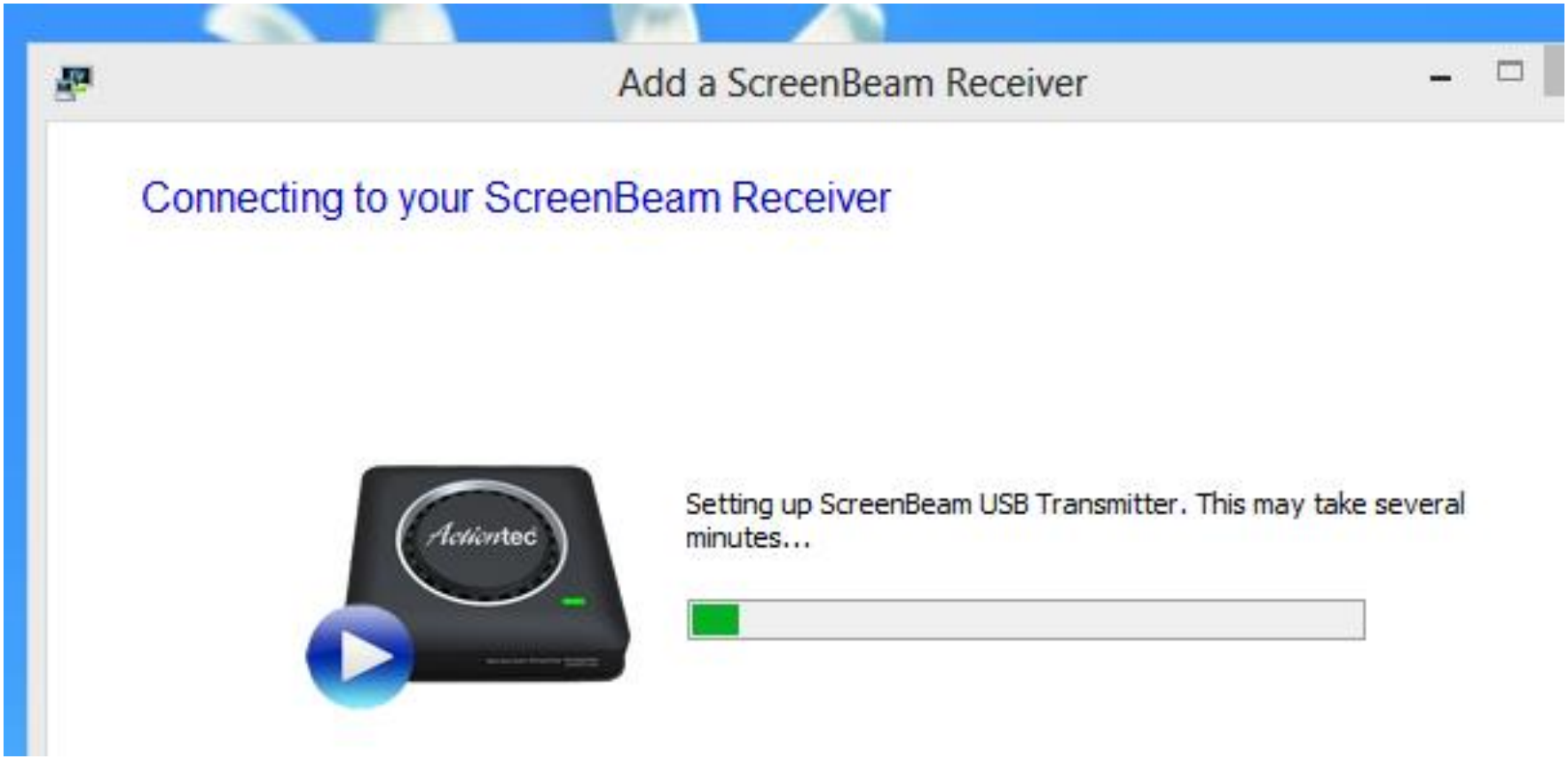
# ACTIONTEC "SCREENBEAM TRANSMITTER"

- To install the "Actiontec ScreenBeam Software" program into a "Windows.." computer, double-click on ScreenBeam_Setup.exe


dows 8 Enterprise Evaluation
ows License valid for 88 days
Build 9200
7:28 PM
5/13/2015

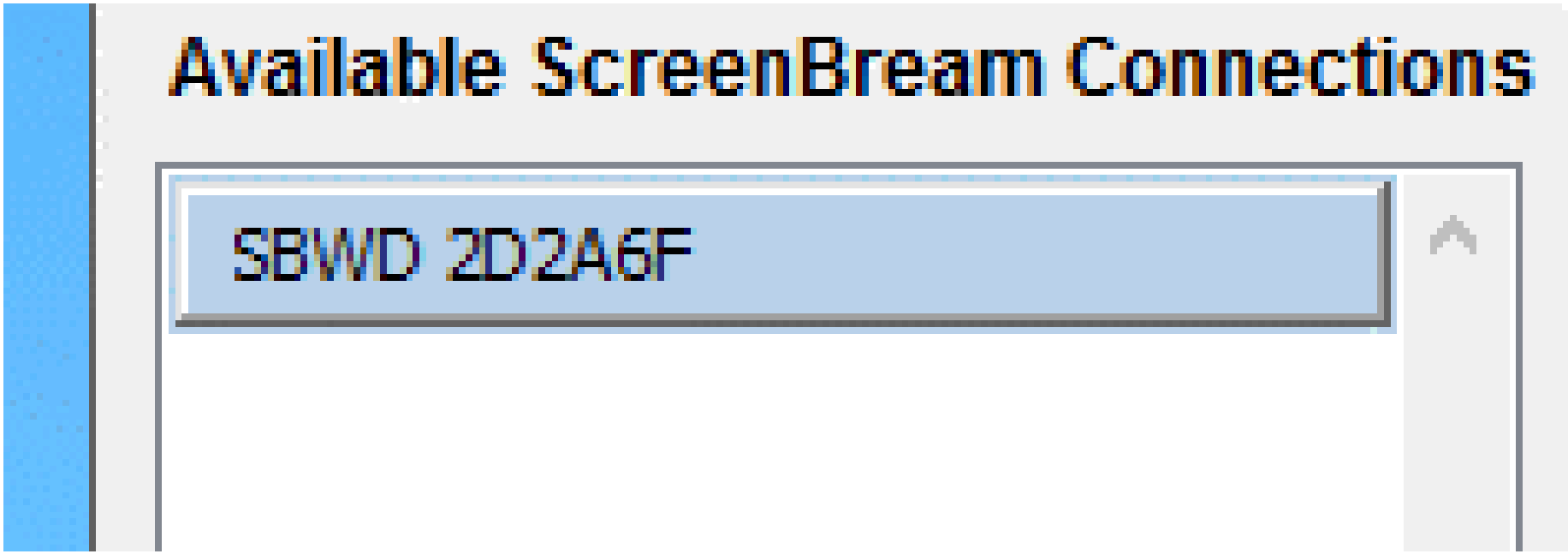

Customize...
prise Evaluation
alid for 88 days
Build 9200
gram Files
7:29 PM
5/13/2015

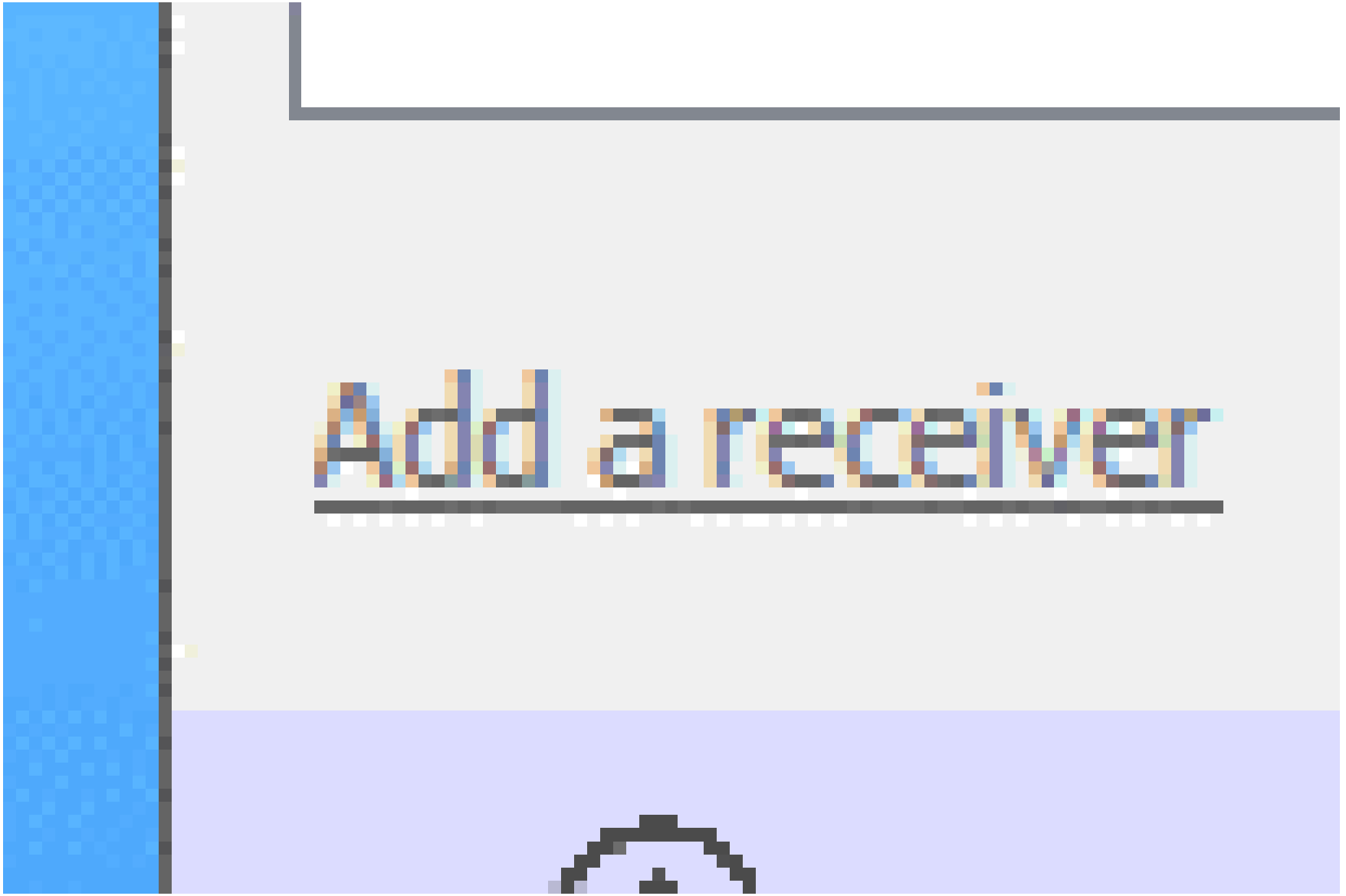


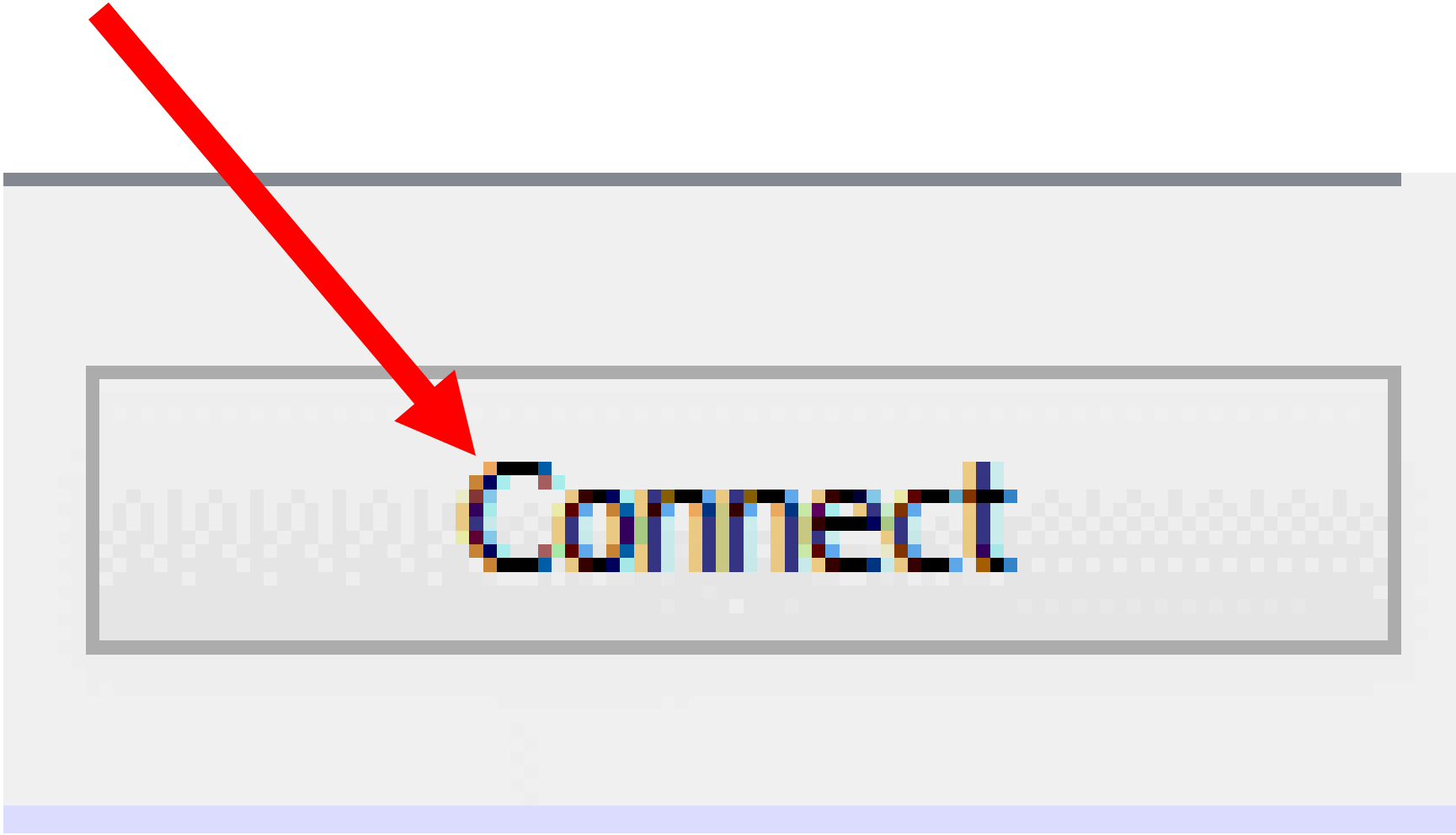

Add a ScreenBeam Receiver
Connecting to your ScreenBeam Receiver
Actiontec
Setting up ScreenBeam USB Transmitter. This may take several minutes...

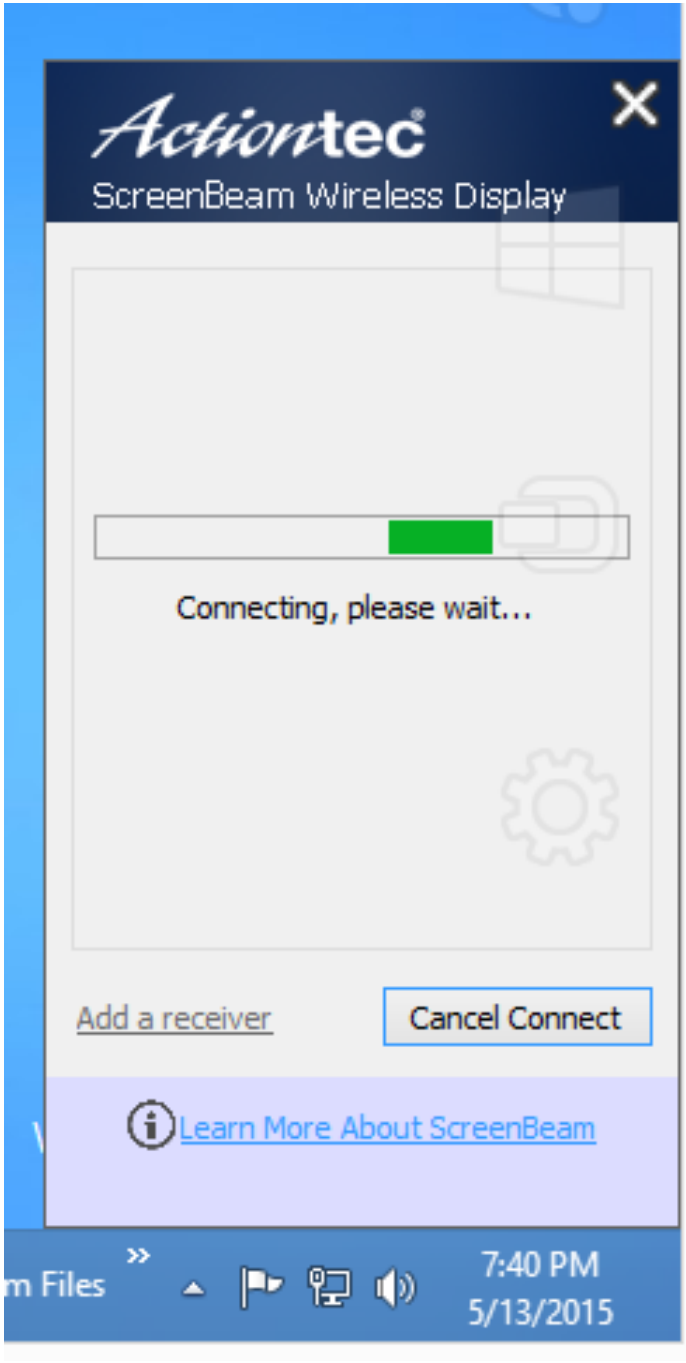
Setting up ScreenBeam USB Transmitter. This may take several minutes...

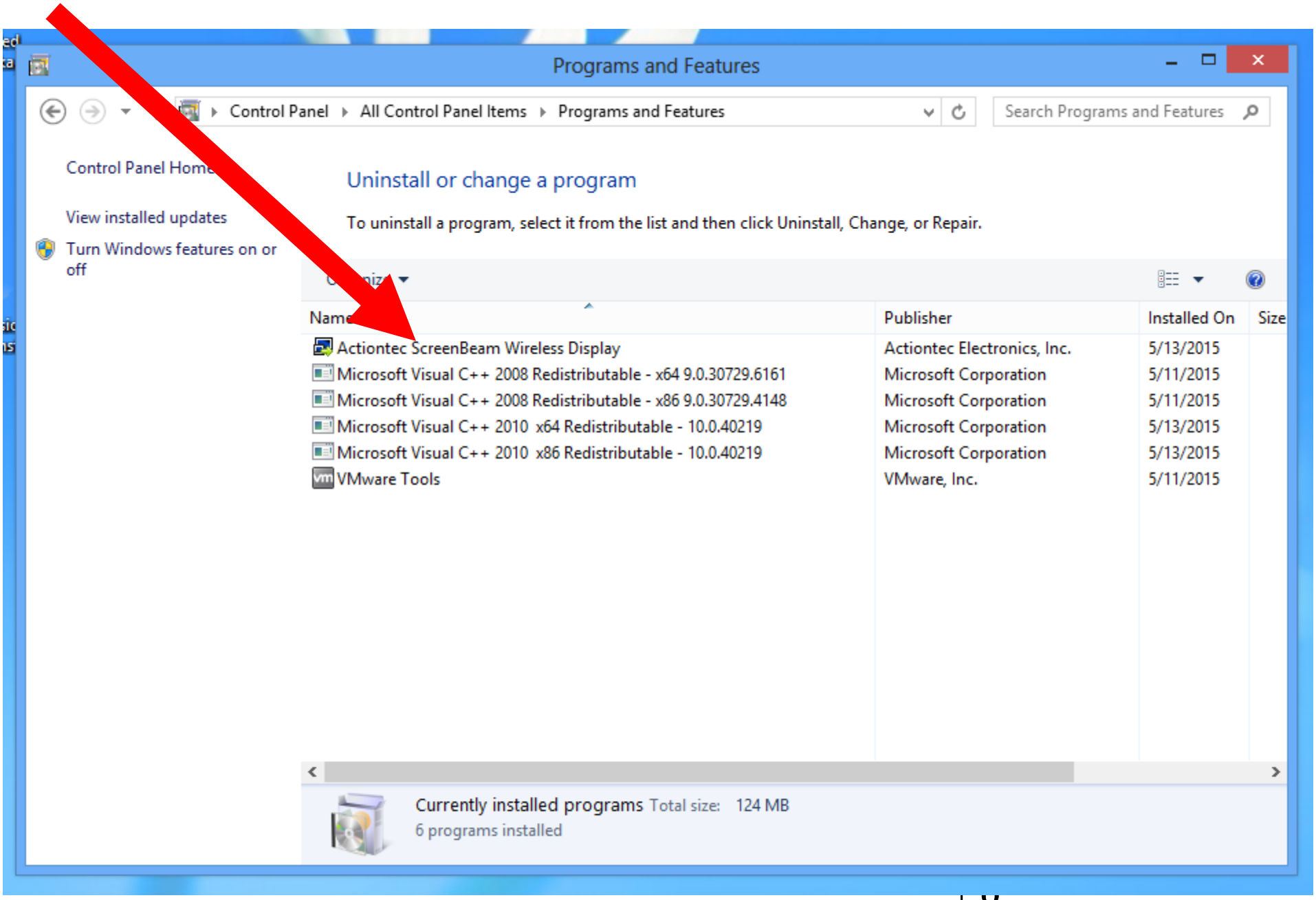
Actiontec
ScreenBeam Wireless Display
Not connected
Available ScreenBream Connections
SBWD 2D2A6F
Add a receiver
Connect
Learn More About ScreenBeam
m Files
7:37 PM
5/13/2015


Available ScreenBream Connections
SBWD 2D2A6F


Add a receiver


Connect

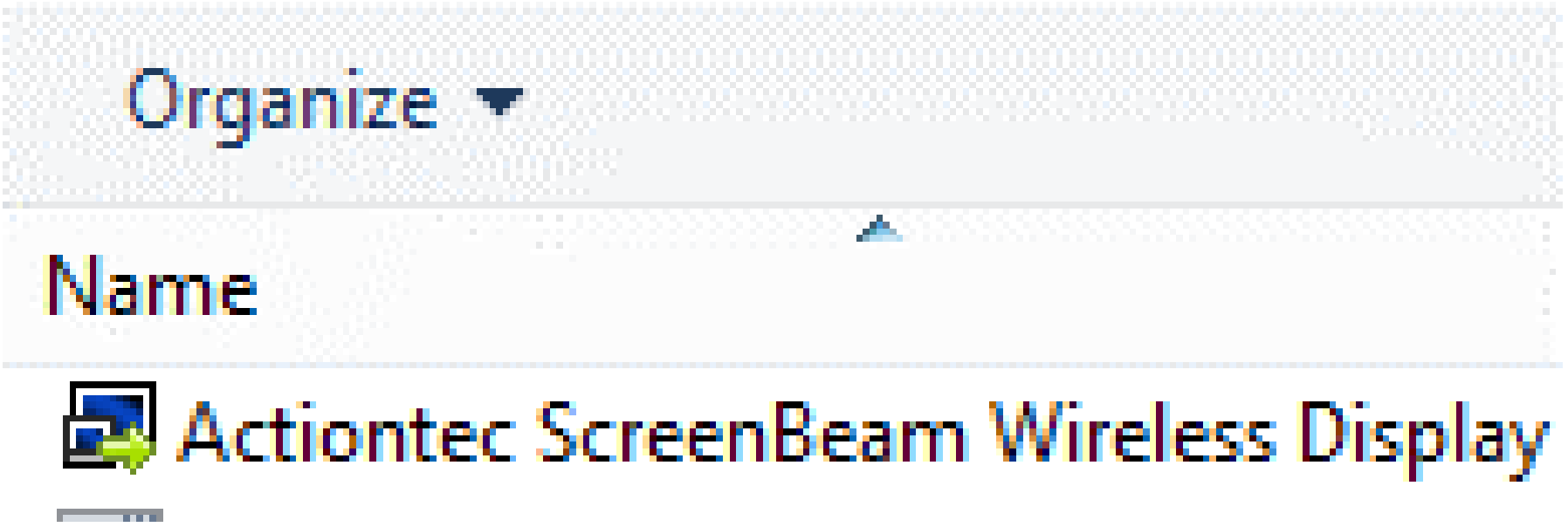

Actiontec
ScreenBeam Wireless Display
Connecting, please wait...
Add a receiver
Cancel Connect
Learn More About ScreenBeam
m Files
7:40 PM
5/13/2015

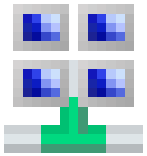

Programs and Features
Control Panel ▸ All Control Panel Items ▸ Programs and Features
Search Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Uninstall or change a program
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.
Name
Publisher
Installed On
Size
Actiontec ScreenBeam Wireless Display
Actiontec Electronics, Inc.
5/13/2015
Microsoft Visual C++ 2008 Redistributable - x64 9.0.30729.6161
Microsoft Corporation
5/11/2015
Microsoft Visual C++ 2008 Redistributable - x86 9.0.30729.4148
Microsoft Corporation
5/11/2015
Microsoft Visual C++ 2010 x64 Redistributable - 10.0.40219
Microsoft Corporation
5/13/2015
Microsoft Visual C++ 2010 x86 Redistributable - 10.0.40219
Microsoft Corporation
5/13/2015
VMware Tools
VMware, Inc.
5/11/2015
Currently installed programs Total size: 124 MB
6 programs installed

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

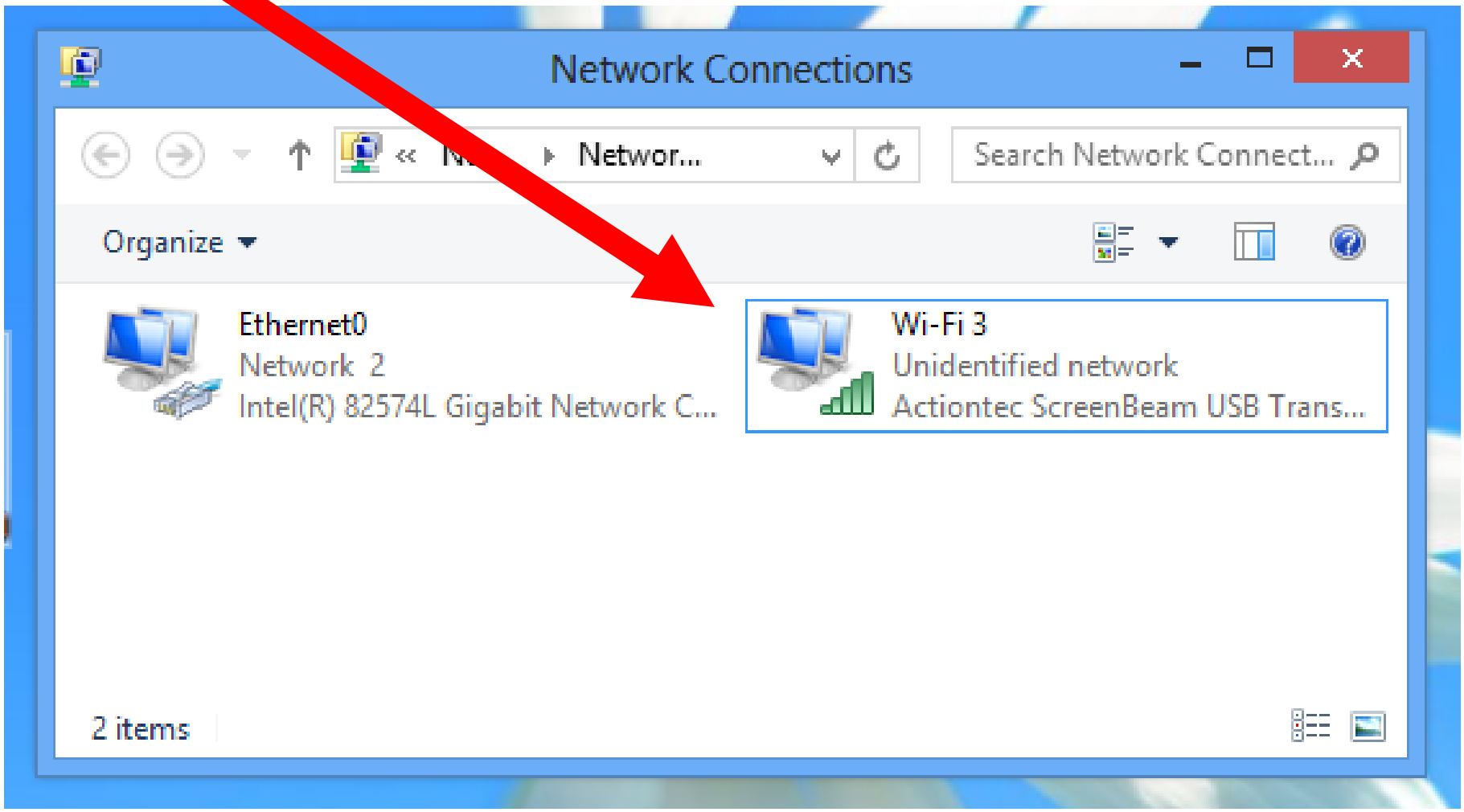
Organize

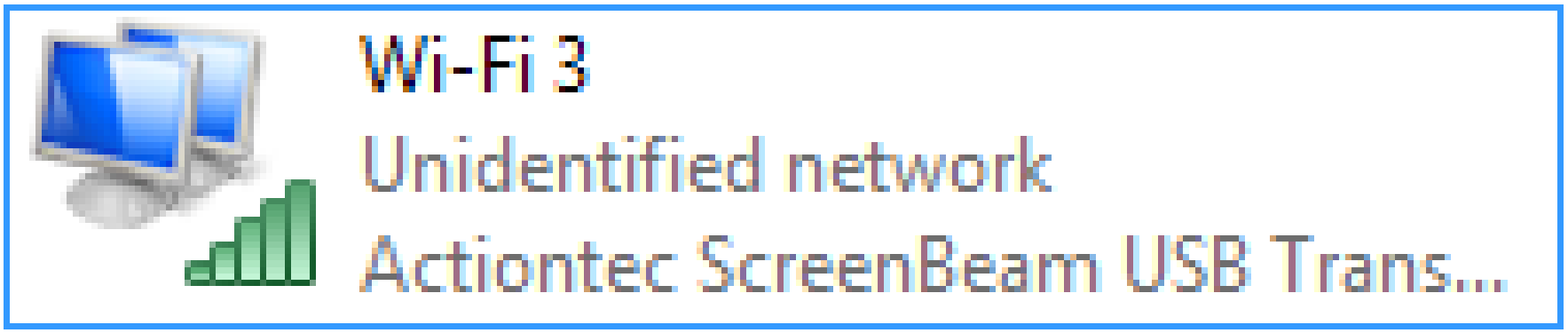
| Name | Publisher | Installed On |
| --- | --- | --- |
| Actiontec ScreenBeam Wireless Display | Actiontec Electronics, Inc. | 5/13/2015 |
| Microsoft Visual C++ 2008 Redistributable... | Microsoft Corporation | 5/11/2015 |
| Microsoft Visual C++ 2008 Redistributable... | Microsoft Corporation | 5/11/2015 |
| Microsoft Visual C++ 2010 x64 Redistribut... | Microsoft Corporation | 5/13/2015 |
| Microsoft Visual C++ 2010 x86 Redistribut... | Microsoft Corporation | 5/13/2015 |
| VMware Tools | VMware, Inc. | 5/11/2015 |

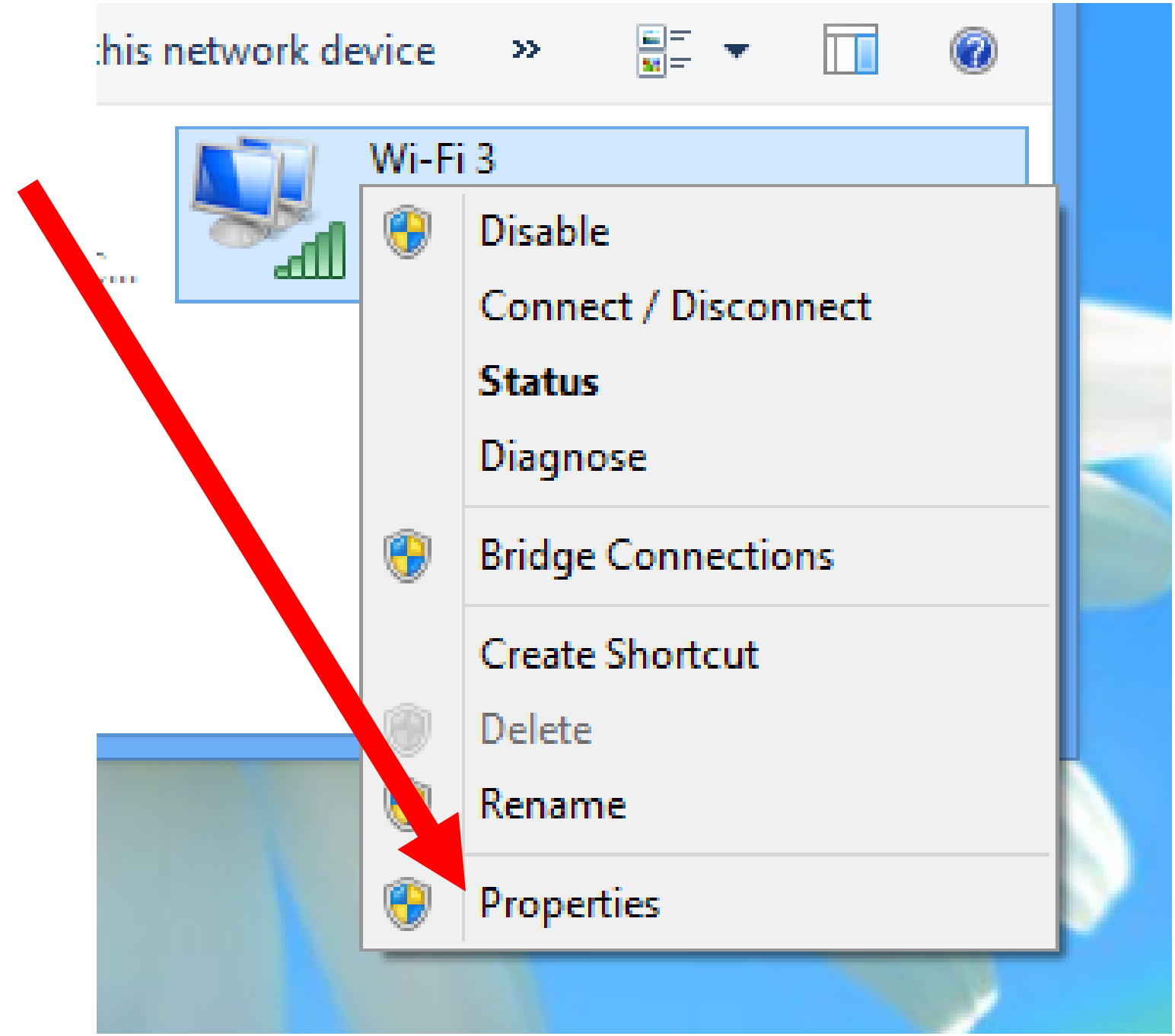

Organize
Name
Actiontec ScreenBeam Wireless Display

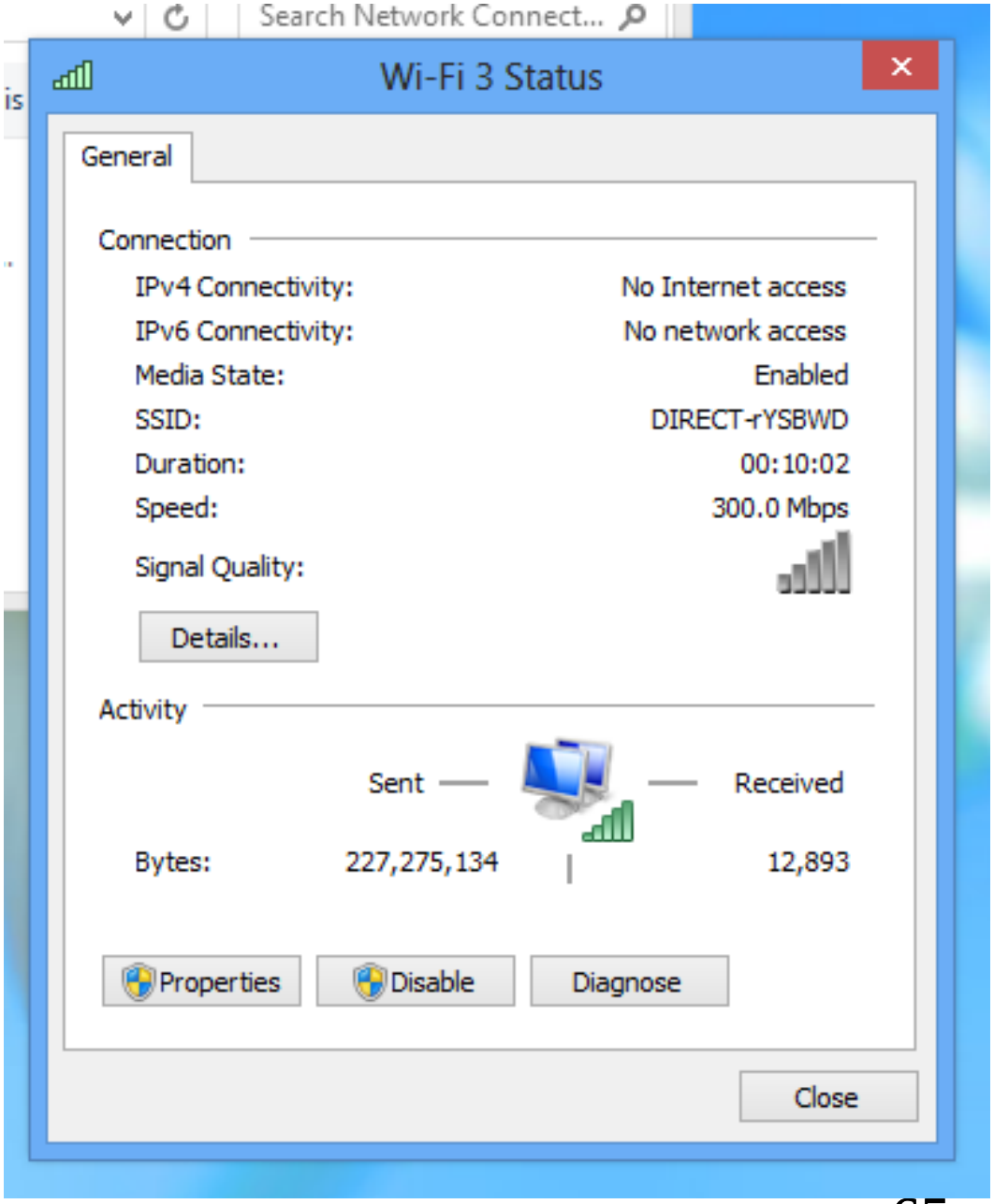


Network and Sharing Center

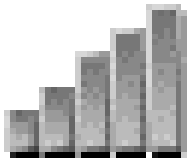

Network Connections
Networ...
Search Network Connect...
Organize
Ethernet0
Network 2
Intel(R) 82574L Gigabit Network C...
Wi-Fi 3
Unidentified network
Actiontec ScreenBeam USB Trans...
2 items

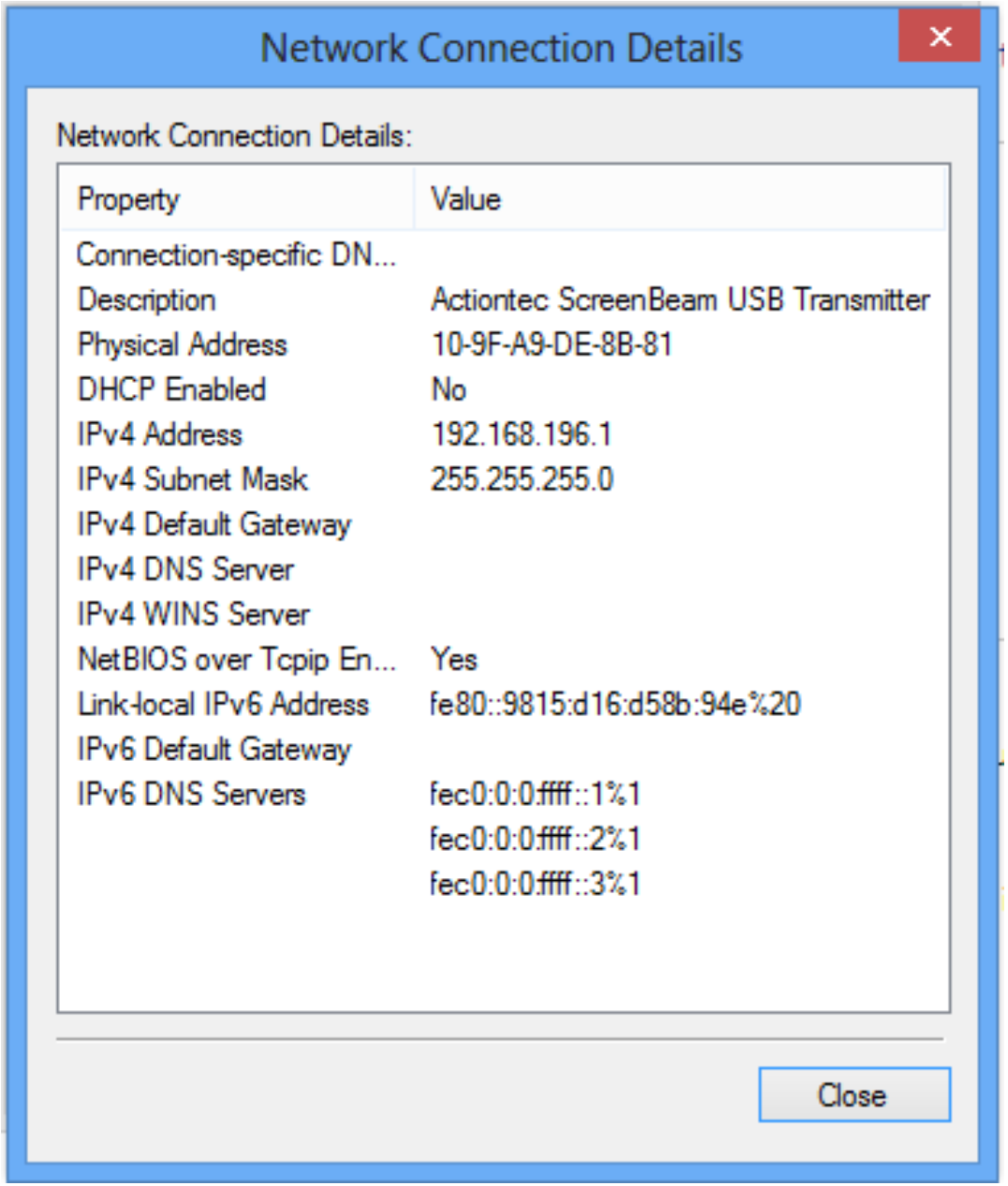

Wi-Fi 3
Unidentified network
Actiontec ScreenBeam USB Trans...


his network device
»
Wi-Fi 3
Disable
Connect / Disconnect
Status
Diagnose
Bridge Connections
Create Shortcut
Delete
Rename
Properties


Search Network Connect...
Wi-Fi 3 Status
General
Connection
IPv4 Connectivity:
No Internet access
IPv6 Connectivity:
No network access
Media State:
Enabled
SSID:
DIRECT-rYSBWD
Duration:
00:10:02
Speed:
300.0 Mbps
Signal Quality:
Details...
Activity
Sent
Received
Bytes:
227,275,134
12,893
Properties
Disable
Diagnose
Close

Connection

| | |
|---|---|
| IPv4 Connectivity: | No Internet access |
| IPv6 Connectivity: | No network access |
| Media State: | Enabled |
| SSID: | DIRECT-rYSBWD |
| Duration: | 00:10:51 |
| Speed: | 300.0 Mbps |
| Signal Quality: |  |


Network Connection Details
Network Connection Details:
Property
Value
Connection-specific DN...
Description
Actiontec ScreenBeam USB Transmitter
Physical Address
10-9F-A9-DE-8B-81
DHCP Enabled
No
IPv4 Address
192.168.196.1
IPv4 Subnet Mask
255.255.255.0
IPv4 Default Gateway
IPv4 DNS Server
IPv4 WINS Server
NetBIOS over Tcpip En...
Yes
Link-local IPv6 Address
fe80::9815:d16:d58b:94e%20
IPv6 Default Gateway
IPv6 DNS Servers
fec0:0:0:ffff::1%1
fec0:0:0:ffff::2%1
fec0:0:0:ffff::3%1
Close

| | |
|---|---|
| Description | Actiontec ScreenBeam USB Transmitter |
| Physical Address | 10-9F-A9-DE-8B-81 |
| DHCP Enabled | No |
| IPv4 Address | 192.168.196.1 |
| IPv4 Subnet Mask | 255.255.255.0 |
| IPv4 Default Gateway | |
| IPv4 DNS Server | |
| IPv4 WINS Server | |
| NetBIOS over Tcpip En... | Yes |
| Link-local IPv6 Address | fe80::9815:d16:d58b:94e%20 |

# ACTIONTEC "SCREENBEAM" RECEIVER FOR A TV OR MONITOR WITH A VGA PORT

- For a TV or monitor that only has a VGA port (= "PC" port), you can install an Actiontec "ScreenBeam Pro Education Edition 2". This receiver will accept a Wi-Fi signal from an Actiontec "ScreenBeam Transmitter" that is attached to a "Windows.." computer.

Actiontec
ScreenBeam Display Receiver

# Actiontec "ScreenBeam" Receiver For A TV or Monitor With A VGA Port

- See http://www.actiontec.com/332.html

# Questions??