

PRODUCT FEATURES:

- Enables wireless (Wi-Fi) Audio/Video mirroring from mobile devices to the OEM screen.
- Provides an audio/video input which can also be used to add a camera.
- Includes a USB input to play audio and video files.
- Provides a virtual remote control via a smartphone wifi connection.
- Dual band (5GHz and 2.4GHz) Wifi capability for clear connection.
- Includes HMDI output for high quality video.
- Works with Facetime, Maps, Skype, YouTube, and other apps.

WORKS WITH:

iOS iOS 7 and newer



OS 4.2 and newer

PARTS INCLUDED:



WVICH-03B CAN Module



WVICH-03B A/V Harness



WVI-H WiFi Module



Extension AV Cable



Power Harness



Dual Antennas



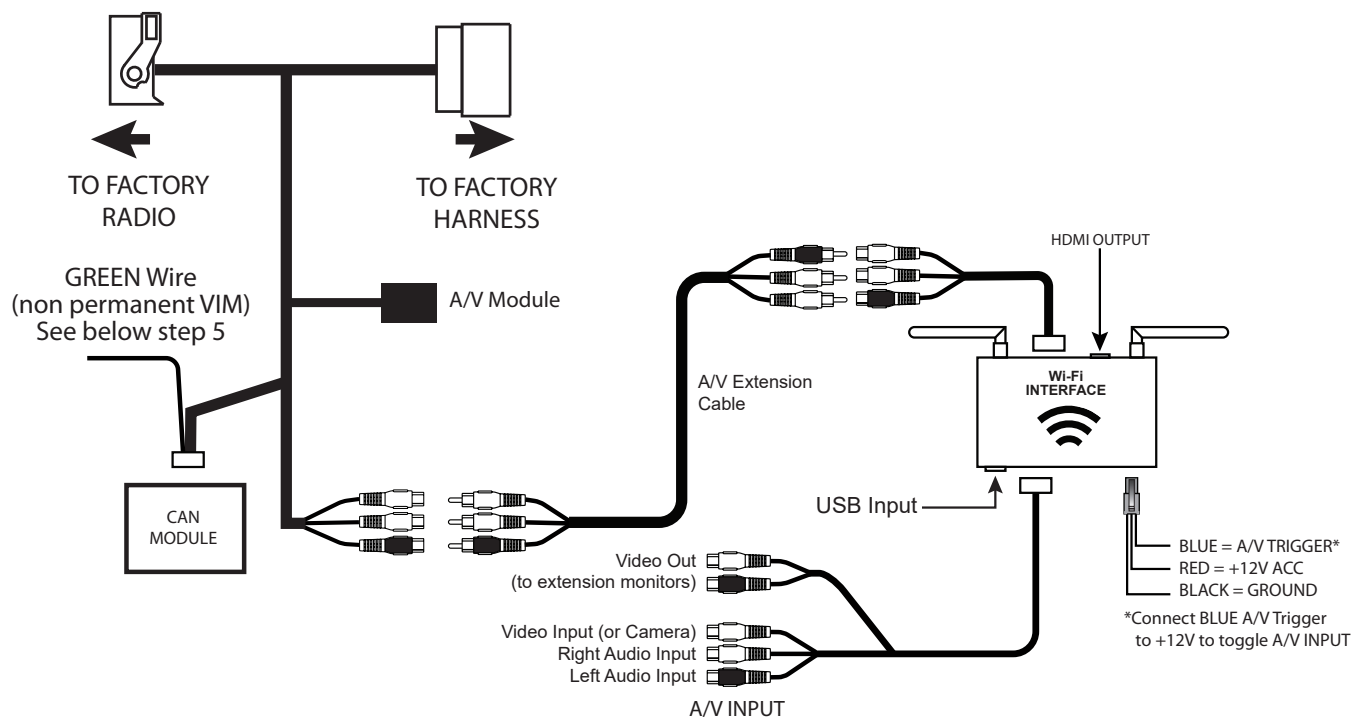
WiFi AV Out Harness



AV In / Video Out Harness



INSTALLATION DIAGRAM:



INSTALLATION INSTRUCTIONS:

THE AV INTERFACE:

1. Remove the factory radio from the dashboard.
2. Unplug the factory connectors from behind the factory radio.
3. Mate the WVICH-03B T-Harness connections to the factory connectors. (Make sure all connectors are properly seated into the interface and into the radio.)
4. On the CAN Module, set DIP switch number 4 to ON to enable AV Input.
5. Switch to the new AV input by pressing the BACK button on the radio. If the radio does not have a BACK button use the GREEN wire option to toggle the AV source by connecting it to +12V. We recommend using a toggle switch to use this feature. (See page 3)



THE WIFI INTERFACE:

1. Connect the 18-Pin power/video cable to the Wi-Fi Interface module.
2. Connect the antenna leads to the module.
3. Connect the RED power lead to +12V ACC and the BLACK wire to Ground.
4. Connect the BLUE A/V Input wire to +12V to trigger the optional A/V input feature. The video input can also be connected to a camera source instead. A toggle switch (not included), wired between the BLUE wire and +12V can be used to switch ON or OFF the A/V input feature.
5. If the USB input feature will be used, you can use the virtual remote control on your smartphone to control the USB functions. See VIRTUAL REMOTE section for details. Extended a USB cable to an easily accessible location.
6. Plug in the Composite RCA output of the WVI-H harness to the WVICH-03B AV input.
7. Switch to the new AV input by pressing the BACK button on the radio or the middle button on the SWC. (See below)
8. Test the interface and re-install the radio into the dash.

DIP SWITCH SETTINGS ON THE MODULES:

Make sure the DIP#4 is set to the ON position. This sets the programming to the vehicle.



DIP 1	ON	VIM Enable	OFF	VIM Disable
DIP 2	OFF	Not Used		
DIP 3	OFF	Not Used		
DIP 4	ON	AV Input Enable	OFF	AV Input Disable
DIP 5	OFF	CAN Termination Car Side		
DIP 6	OFF	CAN Termination Radio Side		

NOTE:

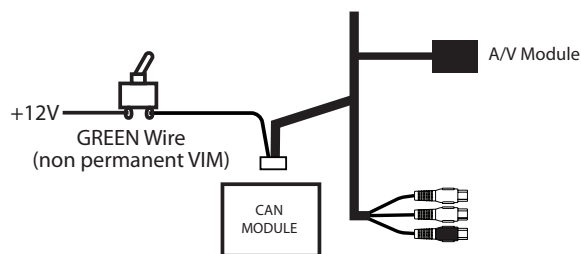
1. Set DIP#6 to ON if you experience the radio freezing or not responding properly.

SWITCHING TO THE A/V INPUT

Press the BACK button once to switch to the AV source.

For vehicles without a BACK button, user has the option of using a toggle switch between the GREEN wire and +12V to switch to AV mode. Make sure to turn DIP# 1 to OFF.

NOTE: If there is no video signal flowing through the AV input, there will be a BLUE screen present. To exit, simply press the BACK or turn off the toggle switch.



SETTING YOUR DEVICE:

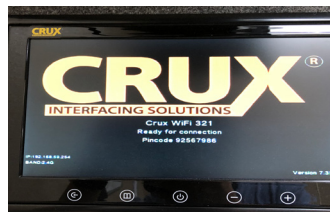
With the WVI-H module ON and READY:

For iOS Devices:

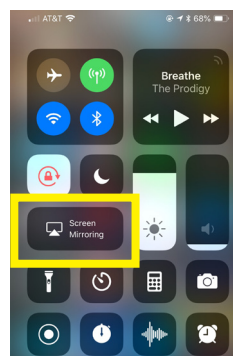
NOTES:

1. Does not support Netflix and any DRM protected files on iOS devices due to Restrictions by Apple.

Open settings > Select **Wi-Fi** > Under
'Choose Network' Select "**Crux WiFi *****"



After connecting to Crux Wifi, select
"SCREEN MIRRORING" from the Control
Center and tap Crux Wifi ***. To access
Control Center, on iPhone X, pull down
from the upper right corner of the screen,
on other iPhone models, pull up from the
bottom of the screen.



For Android Devices:

From the drop down drawer, press "Quick Connect" > Select "**Crux Wifi *****"

Notes:

- 1) Make sure the "Power Saving Mode" is turned off.
- 2) Make sure Quick Connect is updated to the latest version.

MIRRORING:

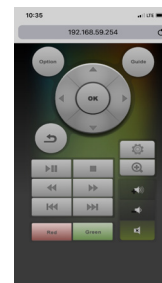
The mirroring connection uses a direct Wi-Fi connection to transfer the Audio and Video from your device to the WVI-H module. This does not require an active network. If your smartphone has the Screen Time Out enabled and your display goes to sleep mode, you will no longer see the image on the screen. Deactivate this feature for continuous viewing



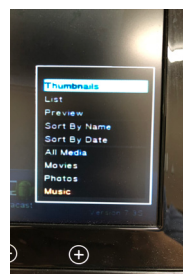
VIRTUAL REMOTE CONTROL:

The WVI-H comes with a Virtual Remote Control via a Wifi connection. To access the virtual remote control, make sure that the phone is connected to Crux Wifi ***. Open your web browser and type in the following on the address bar: **192.168.59.254**

The Virtual Remote control will open. Use the virtual remote control to PLAY, PAUSE, STOP, TRACK UP/DOWN, VOLUME UP/DOWN, etc.



Plug in a USB thumb drive to the USB cable port of the WVI-H. Tap OPTIONS on the Virtual Remote Control to select MOVIES, PHOTOS, MUSIC, etc. Use the remote to play/pause or skip tracks.



Tap SETUP to change settings on VIDEO, SYSTEM, NETWORK, and AUDIO. We recommend NOT to change any SYSTEM settings as this would interfere with the WVI-H functionality.



RADIO COMPATIBILITY:

DODGE

2014 – 2015 Durango

RAM*

2013 – 2016 1500

2013 – 2016 2500

2013 – 2016 3500

JEEP

2014 - 2016 Grand Cherokee

*NOT compatible on RAM trucks with factory installed backup and cargo cameras.



8.4" Uconnect Radio (1-Piece Radio)



5" Uconnect Radio (1-Piece Radio)

