

# PIE NISS/NAV-EYE1 NAVIGATION VIDEO INTERFACE

PIE NISS/NAV-EYE1 will convert the factory Navigation monitor into a backup/park-assist camera video monitor. The NISS/NAV-EYE1 provides a dual video input. VIDEO-1 controlled by a parking brake sense wire and a manual switch for a game system, DVD Player etc. VIDEO-2 controlled by the reverse 12V wire for a back-up park assist camera. The NISS/NAV-EYE1 Navigation video interface connects to the factory Navigation Computer allowing you to benefit from:

1. Direct connection to the Nissan/Infiniti video system for optimum video quality
2. Provides two video inputs
3. Plug-n-play installation (navigation 20-pin harness included)
4. Package includes: NISS/NAV-EY1 converter, RGB cable, 12V power cable and operation/installation manual

## COMPATIBILITY

Use the NISS/NAV-EYE1 in the following Nissan/Infiniti vehicles with external Navigation –ROM disc loader

NISSAN	INFINITI
2004-06 Armada	2003-06 FX
2005-06 Altima	2003-06 M45
2003-06 Murano	2003-06 QX56
2004-06 Pathfinder	2003-05 Q45
2004-06 Titan	2003-06 ALL models*
2003-06 All models*	

\*Navigation Unit or headunit. Compatible with two-piece navigation units only

**Note: Not compatible with Nissan 350z or Infiniti M35 and G35**

## INSTALLATION

**CAUTION:** Before any connections are made, PIE strongly recommends that all circuits be verified with a voltmeter before interfacing with them. Always set the parking brake before working on any vehicle. Do not force connectors together as pin damage may occur. This installation will be flawless if you take your time making the connection described below.

1. Disconnect the negative battery terminal
2. Completely remove the factory navigation monitor
3. Locate the 24-pin connector behind the monitor
4. Disconnect the 24-pin from the monitor
5. Connect the 24-pin male plug of the NISS/AV-EYE1 into the monitor
6. Connect the 24-pin female connector to the factory harness
7. Find a location for the NISS/NAV-EYE1 converter box, cable length is 6' long.
8. Reinstall the navigation monitor back into the dash console
9. Route the DB9-pin connector into the NISS/NAV-EYE1 converter box
10. Connect the DB9-pin connector into the NISS/NAV-EYE1 converter box, make sure you hand-tighten the locking screws.
11. Connect power and ground wires (Black/White is 12V ignition and BLK is Ground) of the NISS/NAV-EYE1 converter box.

### INSTALLATION FOR CAMERA INPUT (Connections to the NISS/NAV-EYE1)

1. Make sure back-up camera is properly installed (installation not covered by these installations)
2. Connect the WHITE wire Ground and BLUE wire to reverse +12V signal
3. Connect the camera video output to "VIDEO 2" of the NISS/NAV-EYE1 converter
4. Set RGBS/RGSB switch to RGBS position.

### INSTALLATION FOR GAME SYSTEM, DVD PLAYER etc (Connections to the NISS/NAV-EYE1)

1. Make sure back-up camera is properly installed (installation not covered by these installations)
2. Connect the **"parking brake"** wire to parking brake on the vehicle
3. Connect the video output of the video source to "VIDEO 1" of the NISS/NAV-EYE1 converter
4. Mount "toggle-switch" somewhere accessible. You may cut and extend the wires if additional length is required.
5. Set RGBS/RGSB switch to RGSB position
6. Reconnect negative battery terminal

### INSTALLATION FOR BACK UP CAMERA

1. Turn vehicle "ON"
2. Put vehicle in **"Reverse"** and video screen will convert from factory Navigation display to back-up camera display
3. Take shift-knob out of "Reverse" and factory navigation screen will be displayed.

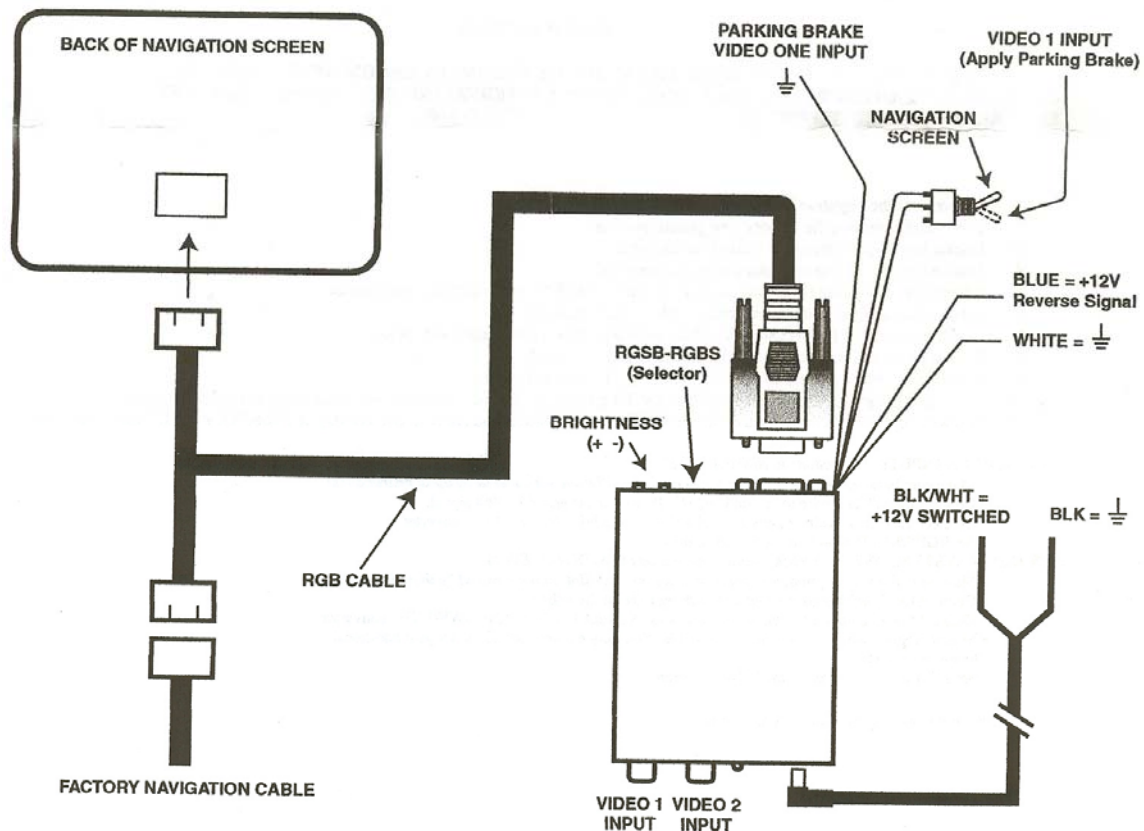
**WARNING!!!!** If video signal from the camera is viewable when the vehicle-shift knob is in any position other than "Reverse", connections to the NISS/NAV-EYE1 needs to be rechecked.

### INSTALLATION FOR GAME SYSTEM, DVD PLAYER etc

1. Put vehicle in **"Park"** and apply parking brake
2. Turn video source "ON"
3. Flip the mounted toggle switch and video screen will convert from navigation display to video input display.

Note: if parking brake is not applied, video screen will not convert, regardless of toggle switch position.

**WARNING!!!!** If video signal is viewable with parking brake not applied, a connection to the NISS/NAV-EYE1 needs to be rechecked.



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Disclaimer: Discount Car Stereo Inc. will NOT be held liable for damages sustained due to improper use/installation of the NISS/NAV-EYE2.

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