# RetroSpy Vision Flex



Last Updated: 11/27/2023

# The RetroSpy Vision Flex

The RetroSpy Vision, when paired with the appropriate RetroSpy Vision cables, provides input display for many retro video game consoles.

**Supported Consoles**

- Amstrad GX4000
- Atari 2600, 7800 & Jaguar
- Commodore 64 Games System, CDTV & Amiga CD32
- Fujitsu FM Towns Marty
- Game-Tech GBA Consolizer
- Magnavox Odyssey2
- Mattel Intellivision
- NEC PC Engine, TurboGrafx-16, SuperGrafx & PC-FX
- Nintendo NES, SNES, Virtual Boy, N64, Gamecube & Wii
- Nintendo NES & SNES Classic
- Panasonic 3DO
- Sega SMS, Genesis, Saturn & Dreamcast
- SNK Neo Geo
- Sony PlayStation 1 & 2
- VM Labs Nuon
- VTech V.Flash & V.Smile

# Hooking up the Vision Flex

1.  **Connect the RetroSpy Vision Cable**
    Connect each half of the appropriate RetroSpy Vision cable to the "HDMI" ports on the Vision.  It doesn't matter which half goes into which port.

2.  **Select your console/controller combo**
    Set the switches to select your desired console/controller combo as specified on pages 6 and 7.

3.  **Connect your computer to the Vision**
    Use a mini USB cable to connect the Vision's mini USB port to a USB port on your computer.
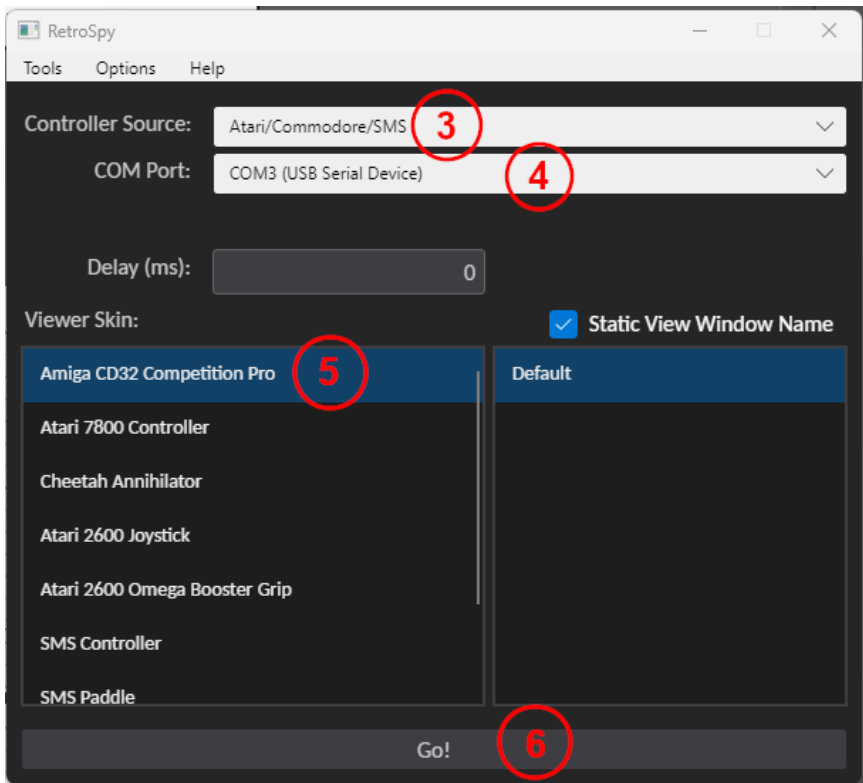
# Using the Vision

1. **Download and Install the latest RetroSpy software**

   The latest RetroSpy software can always be found at
   *https://retro-spy.com/downloads/*

2. **Run the now installed RetroSpy application**
   You will see the RetroSpy setup window.



3. **Select your console in the Sources dropdown**

4. **Choose the serial port of your Vision**

5. **Select a skin**

**6. Click the 'Go' button**
   After a few seconds the RetroSpy view window (see
   below) will appear and after a few more seconds (you
   will often seen random button pushes during initializa-
   tion) you should be able to see your inputs reflected in
   the view window and on your console.  If the inputs are
   not reflected in the view window verify that you have the
   correct serial port selected in the setup window.



# Updating the Firmware

**Run the RetroSpy Vision Updater application**

First hold down the reset button, while still holding the re-
set button hold the programming button.  Still holding both
buttons release the reset button wait a second and release
the programming button.  Then choose yourVision type and
click the "Start Update" button in the app.  The updater will
download all the necessary files for the upgrade and perform
the upgrade automatically.  Once successful, you will need to
restart the Vision for the changes to take effect.

# Console Selection Switches

Below are the required switch settings for all supported console and controller combinations.  The switches are read left to right with the RetroSpy logo on the Vision upside down.  A 1 indicates the switch should be "on" which is pushed upwards towards the logo.  A 0 indicates the switch should be "off" which is pushed downwards away from the logo.

| Console | Controller Type | Switches |
|---|---|---|
| GX4000 | | 001110 |
| Atari 2600 | Joystick | 101000 |
| | Driving Controller | 010001 |
| | Keyboard/Kid's Controller | 111110 |
| | Big Bird's Egg Catch | 100001 |
| | Star Raiders | 000001 |
| | Omega Race Booster Grip | 000010 |
| Atari 7800 | | 000010 |
| Atari Jaguar | | 100010 |
| Commodore CDTV | Mouse | 101001 |
| | Keyboard | 010110 |
| Amiga CD32 | Mouse | PAL:    110001<br>NTSC: 001001 |
| | Keyboard | 010110 |
| | Single-button Joystick | 101000 |
| | 4 button controller | 001100 |
| FM Towns Marty | Controller | 101010 |
| | Mouse | 101100 |
| | Keyboard | 101100 |
| Odyssey2 | | 101000 |
| Intellivision | | 010010 |

| PC Engine, TG-16 & Supergrafx | | 111100 |
|---|---|---|
| PC-FX | | 101010 |
| NES | Controller | 000000 |
| | Power Pad | 000000 |
| | Power Glove | 000110 |
| SNES | | 100000 |
| Virtual Boy | | 100000 |
| N64 | | 010000 |
| Game-Tech GBA Consolizer | | 110100 |
| Gamecube | | 110000 |
| Wii, NES Classic & SNES Classic | | 001000 |
| Sega Master System | Controller | 101000 |
| | Paddle | 110110 |
| | Sports Pad | 011110 |
| Sega Genesis | 3 or 6 Button Controller | 011000 |
| | Mega Mouse | 010110 |
| Sega Saturn | Digital Controller | 111000 |
| | 3D Control Pad, Keyboard & Shuttle Mouse | 000100 |
| Sega Dreamcast | | 010010 |
| Neo Geo | | 111100 |
| PlayStation 1 & 2 | | 001100 |
| VM Labs Nuon | | 011001 |
| VTech V.Flash | | 001010 |
| VTech V.Smile | | 110010 |

# Contact Us

If you have any problems do not hestiate to contact us for help.

support@retro-spy.com

https://retro-spy.com/contact-us/

retrospydisplay

https://discord.gg/V2EHQrM

https://reddit.com/r/retrospy

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