

HD Retrovision - Capture Card Compatibility List
10/19/2016

| Manufacturer | Model | Internal/External | Console | 240p YPbPr | 240p CVBS | Note/Comments |
|--------------|-------------------------|-------------------|----------------|------------|-----------|---|
| AVerMedia | MTVHDDVRR (C027) | Internal | SNES & Genesis | FAIL | PASS | CVBS works fine, even in OBS. |
| Diamond | HD Game Capture | External | Genesis/Nomad | FAIL | FAIL | Video passthrough works great, but only with 480i content. |
| Elgato | Game Capture HD | External | SNES & Genesis | FAIL | PASS* | CVBS requires firmware update. Elgato confirmed that they are unable to delegate resources to create a similar firmware update for YPbPr. Strangely enough, this box can pass 240p signals out the HDMI passthrough but cannot display it via the capture software. |
| eMPIA | USB-EM2828X-C1 | External | SNES & Genesis | FAIL* | ???* | Very poor color processing. Looks very washed out. Unable to be improved with adjustments. |
| EZCAP | ezcap148 | External | SNES & Genesis | FAIL* | ???* | Very poor color processing. Looks very washed out. Unable to be improved with adjustments. Has Mac OS X driver/software. |
| EZCAP | ezcap148mp | External | SNES & Genesis | PASS | PASS* | YPbPr has greenish tint in the grayscale, but can be greatly improved with adjustments. CVBS doesn't work with Master System and Genesis, but works fine with all other consoles. |
| EZCAP | ezcap280 | External | SNES | FAIL* | N/A | Can be tricked into accepting SNES 240p by rapidly switching from a different 480i source via a switchbox. Passes 240p through HDMI output. |
| EZCAP | ezcap280 | External | Genesis | PASS | N/A | Does not work with Genesis's flavor of 480i. Passes 240p through HDMI output. |
| EZCAP | ezcap282 | External | SNES | FAIL* | N/A | Can be tricked into accepting SNES 240p by rapidly switching from a different 480i source via a switchbox. Passes 240p through HDMI output. |
| EZCAP | ezcap282 | External | Genesis | PASS | N/A | Does not work with Genesis's flavor of 480i. Passes 240p through HDMI output. |
| EZCAP | ezcap283 | External | SNES | FAIL* | N/A | Can be tricked into accepting SNES 240p by rapidly switching from a different 480i source via a switchbox. Passes 240p through HDMI output. |
| EZCAP | ezcap283 | External | Genesis | PASS | N/A | Does not work with Genesis's flavor of 480i. Passes 240p through HDMI output. |
| GAMECAP | W727 | External | Genesis/Nomad | PASS* | FAIL* | Even after hue adjustment, YPbPr has color and white balance issues. Passthrough has same issues. CVBS works, but is so jittery that it's unwatchable. |
| Hauppauge | HD PVR 2 Gaming Edition | External | Genesis/Nomad | FAIL | PASS* | Capture software is restrictive. Unable to use OBS to properly process 240p. |
| KWorld | GM220 | External | Genesis/Nomad | FAIL | FAIL | Might be same chipset as Diamond HD Game Capture. |
| KWorld | PVRTV-PE360-A | Internal | SNES & Genesis | PASS | PASS* | CVBS has color and white balance issues. |
| MyGica | HD Cap X | External | SNES | FAIL* | PASS | Can be tricked into accepting SNES 240p by rapidly switching from a different 480i source via a switchbox. Passes 240p through HDMI output. |

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| MyGica | HD Cap X | External | Genesis | PASS | PASS | Does not work with Genesis's flavor of 480i. Passes 240p through HDMI output. |
| Oupree | OPR-HD880 | Internal | SNES & Genesis | FAIL | PASS | 480i YPbPr works, but not 240p. |
| Roxio | Game Capture | External | Genesis/Nomad | FAIL | N/A | Video passthrough works great. OBS works fine with non-240p YPbPr. |
| Roxio | Game Capture HD PRO | External | Genesis/Nomad | PASS | N/A | Video is slightly dark. Needs Contrast & Saturation adjustment in software. Video passthrough also has same darkness issue. Unable to use OBS directly. |
| SuperCap | HU318 | External | SNES & Genesis | PASS | N/A | YPbPr has greenish tint in the grayscale, but can be greatly improved with adjustments. |
| Timeleak | HD75A | Internal | SNES & Genesis | FAIL | N/A | Can display 240p after being tricked from 480i, but the framebuffer is corrupt. |
| ↓↓↓ --- COMMUNITY SUBMITTED MODELS --- ↓↓↓ | | | | | | |
| AVerMedia | GameCapture HD (C281) | External | ??? | FAIL | N/A | It displays OK using its realtime/standby mode, and it confirms it as 480i/576i resolution. But no signal on the OSD mode, and it won't even allow recording on all modes. |
| AVerMedia | Live Gamer Portable (C875) | External | ??? | PASS | N/A | |
| Geniatech | HD Cap Express | Internal | Genesis | FAIL | PASS | 240p YPbPr doesn't work with either provided software nor OBS. |
| Micomsoft | XCAPTURE-1 | External | ??? | PASS | ???* | |
| Roxio | Game Capture HD PRO | External | SNES | PASS | N/A | Video is slightly dark. Needs Contrast & Saturation adjustment in software. Sometimes doesn't sync properly and has a horizontal tear in the middle of the image. Can force a resync by resetting the console until it looks right. |
| StarTech.com | PEXHDCAP | Internal | SNES & Genesis | PASS | ???* | |
| StarTech.com | USB3HDCAP | External | ??? | PASS | ???* | |
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