

HD Retrovision - Capture Card Compatibility List
2017-12-11

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/SNES	PASS	N/A	Requires installing the Roxio software to decrypt data. In OBS, need to navigate to "Configure Crossbar" and change from serial to YPbPr. Manually set resolution to 320x240.
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.
StarTech.com	USB3HDCAP	External	SNES & Genesis	PASS	PASS	Must be set to 320x240 in OBS (32-bit). Have to deactivate and reactivate to get it to sync when system is turned from off to on.
StarTech.com	USB3HDCAP	External	N64	FAIL	N/A	
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.
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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	
Datapath	VisionRGB-E1S	Internal	SNES	PASS	N/A	Requires PCIe x4 or higher slot. Only came with low-profile mounting bracket. Only has DVI-I connector, so requires adapter for RCA connectors.
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	???*	
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