

Video Capture and Streaming Equipment from Rentex

From streaming to recording, we carry many different solutions to fit all your needs.



Epiphan Pearl and Pearl 2 - All in one stream/record/switch

The Epiphan Pearl series allows you to bring together SDI, HDMI and other inputs (including NDI on Pearl 2) to record and switch, and publish to popular live streaming services directly by RTMP. Setup from any laptop with a web GUI and monitor and control from the front touchscreen.



AJA HELO - Standalone H.264 streamer and recorder

Simultaneously stream live by RTMP and record to an SD Card in a compact package. Setup by web GUI and control with simple front-panel buttons and monitor with a connected display.



Blackmagic Design Web Presenter

Stream simply! Connecting by USB 2.0, the Blackmagic Design Web Presenter appears as a webcam on your host computer, allowing easy streaming on any available platform. Professional connections include 12G SDI, HDMI 2.0, and XLR for Audio with downscaling to a 720p stream. The included front Smart Panel allows on-device monitoring and switching sources. A program output allows for monitoring or to use the Web Presenter as a small switcher.



Blackmagic Design UltraStudio Express

A Thunderbolt 2 capture or playout device, the UltraStudio Express allows you to bring HD-SDI and HDMI or analog signals into a computer based streaming platform. Used commonly with software such as Open Broadcaster Studio to publish a stream. As a full bandwidth capture device, the UltraStudio relies on a strong host computer (usually Mac for Thunderbolt 2) to encode the signal for streaming and/or recording.



Blackmagic Design H.264 PRO Recorder

As a real-time hardware encoder to USB 2.0, the H.264 Pro Recorder encodes 3G-SDI, HDMI or analog signals for use on a computer. This device can also be used commonly with software such as Open Broadcaster Studio to publish a stream but does not require a strong PC as the encoder is doing the heavy lifting.

RTMP/RTMPS: These streaming protocols are used for live streaming outputs to popular streaming services. Our Panasonic AW-UE150 PTZ and AG-CX350 Camcorder also support these directly.

RTP/RTSP: RTSP is supported in our Panasonic PTZ series and AG-CX350 Cameras and may be used as a source on a local network in software such as Open Broadcaster Studio, and may be used in some applications without an additional encoder or capture device.

NDI and NDI|HX: Network Device Interface protocols from Newtek, these are supported as output (with license) from Panasonic PTZ series cameras and AG-CX350 camcorder. Input/output are both available on Epiphan Pearl 2 and may also be used with other devices or streaming systems including Open Broadcaster Studio. Using NDI protocols may also replace the requirement for a dedicated streaming encoder.

Comparison Chart

Standalone Equipment (Requires no computer or host device)



Epiphan Pearl EV
Rentex No. XVP3500



Epiphan Pearl 2
Rentex No. XVP3510



AJA HELO H.264
Rentex No. XVP3600

Output Interface	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Software Requirement	Standalone, basic front control plus web interface	Standalone, basic front control plus web interface	Standalone, web interface
Video Inputs	(2) SDI, (2) HDMI, (2) VGA USB Webcam	(2) 12G-SDI, (4) HDMI RTSP or NDI, (2) USB Webcam	SDI, HDMI
Audio Inputs	(4) 1/4" TRS, USB (UAC)	(4) XLR, (2) RCA	3.5mm TRS
Monitoring	Onboard Touchscreen, Web GUI Program Output DisplayPORT	Onboard Touchscreen, Web GUI Program Output HDMI	SDI, HDMI, Web GUI
Record	1TB Internal	512GB Internal SSD, External USB3	USB, SD Card

These Blackmagic Devices Require a Computer or Host Device



BM Web Presenter
Rentex No. XVP3400



BM UltraStudio Express
Rentex No. XVP2165



BM H.264 PRO Recorder
Rentex No. XVR0200

Output Interface	USB 2.0 (B)	Thunderbolt 2	USB 2.0 (Mini)
Software Requirement	Webcam - Any software including browsers	Capture Device-Streaming software on strong TB2 computer	Capture device-Streaming software
Video Inputs	12G SDI, HDMI 2.0	SDI, HDMI, Analog	SDI, HDMI, Analog
Audio Inputs	(1) XLR, (2) RCA	Breakout cable-XLR balance or RCA unbalanced	(2) 1/4" TRS
Monitoring	Front panel, Program Output SDI, loop outputs	Software, loop outputs	Software
Record	Software	Software	Software