

# Pearl

Pearl is Epiphan's newest video streaming and recording system. Its powerful processor **simultaneously** captures, streams, and records **two high definition** sources at 60 frames per second, and supports resolutions of up to **2048×2048**. Choose to stream and record each source individually or create a custom **picture-in-picture layout** to stream and record them together. Recording and streaming bitrates are customizable so you can record at one bitrate and stream at another.

With dedicated inputs for SDI, HDMI and VGA, Pearl **captures just about any video content you give it**; either directly or with a simple adapter. Audio is supported over SDI and HDMI, or separately via professional stereo TRS audio.



Confidence Monitoring & Basic Operation



USB ports    DisplayPort (out)    Gigabit Ethernet    SDI in    VGA in    HDMI in (DVI)    Left/Right Audio

## KEY FEATURES

- ✓ Touch-screen front panel display for confidence monitoring and recording control
- ✓ Capture, record and stream multiple video inputs and multi-source layouts at 60 fps
- ✓ Flexible multi-source layout and branding to customize your output
- ✓ Output resolutions up to 4k
- ✓ Record and stream at custom bitrates
- ✓ 3G-SDI, HD-SDI, SDI, HDMI/DVI, VGA
- ✓ Portable and lightweight
- ✓ Simple CDN setup, supports RTMP and RTSP
- ✓ SAP and UPnP support for set-top boxes, digital signs and media players
- ✓ Provides RS-232 and HTTP APIs for easy integration into larger systems



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Pearl is a lightweight, portable, all-in-one live video production system.

Connect two HD video sources and create a custom multi-source layout with branding and background matte of your choice. Stream your custom video and record it along with the original sources for flexible post-production editing.

Share the content directly over your network using multicast, or use a content distribution network (CDN) such as Akamai, LiveStream, Wowza, or YouTube Live to share the results over the internet. Simplify integration with content management solutions (CMS) by populating metadata fields and configuring automatic upload of recordings to your network using ftp, RSYNC, or CIFS.



## FEATURED SUPPORTED CONTENT DELIVERY NETWORKS



## FEATURED SUPPORTED CONTENT MANAGEMENT SYSTEMS



Blackboard



## OTHER APPLICATIONS



**Healthcare:** Telehealth, recorded medical procedures, ultrasound output and more.



**Education:** Distance learning, lecture recording, content management system integration.



**Business:** Webinars, remote training, extend value of online meetings.



**Places of Worship:** Event recording, bring worship to the elderly or invalid.



**Digital Signage:** Include live content on your digital signs. Add to your existing solution, or use as an all-in-one solution.