

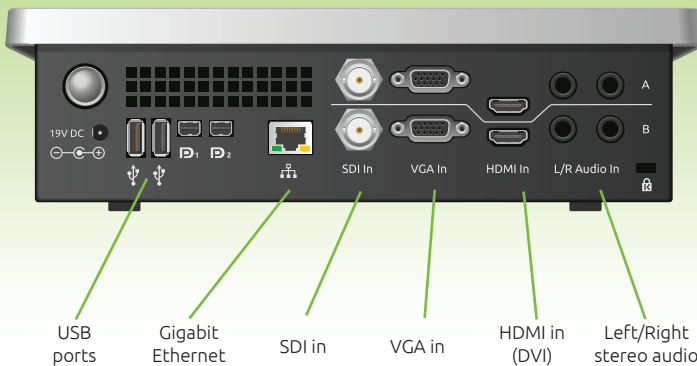
Pearl™

Pearl is Epiphan's portable **production video switcher** with live streaming and recording capability. Its powerful processor delivers **four live 1080p streams at 30 fps simultaneously** from four different HD sources while also recording all four sources! Its built-in scaler and video mixer let you create, stream and record custom picture-in-picture layouts.

The **touch screen** offers confidence monitoring, **live switching control**, quick configuration and recording control. An integrated audio 3.5 mm jack lets you **monitor audio quality** through headphones or speakers.

Need to stream or record with no setup? Plug in and go with Pearl's simple plug-and-stream architecture.

Want to configure everything precisely? Not a problem, use Pearl's intuitive web interface to configure everything exactly how you want it. Select your video and audio encoding codecs, choose your output frame size, and perform multi-encoding by choosing a high bitrate for top quality recording and a lower bitrate for bandwidth-friendly streaming.



KEY FEATURES

- ✓ Live production switcher
- ✓ Capture, record and stream 4 HD video inputs at 30 fps or 2 HD video inputs at 60 fps
- ✓ Video mixing and scaling lets you create custom multi-source layouts and with branding
- ✓ Touch screen for live switching, quick configuration, video quality monitoring, and recording control
- ✓ Record and stream at custom bitrates
- ✓ Configuration presets for simplified set-up
- ✓ Perform multi-encoding to stream at low bandwidth and record sources at native resolution
- ✓ Portable and lightweight
- ✓ Custom hard shell shipping/carry case included
- ✓ Simple CDN setup, supports RTMP and RTSP
- ✓ SAP and UPnP support for set-top boxes, digital signs and media players
- ✓ Comprehensive RS-232 and HTTP APIs for easy integration into larger systems
- ✓ Video inputs:
 - 3G-SDI, HD-SDI, SD-SDI
 - HDMI™/DVI
 - VGA

Pearl™

Pearl is a lightweight, portable live video production switcher with built in confidence monitoring.

Pearl's all-in-one configuration eliminates the need for any other streaming or encoding hardware. With 6 HD video inputs and audio support over SDI, HDMI™ and through balanced or unbalanced TRS jacks, Pearl is ready for whatever you need to stream and record.

Create custom multi-source picture in picture layouts with branding and background mattes of your choice. Use the touch screen or web interface to switch layouts live while streaming and recording. Simultaneously record both the live output and your original sources at full resolution for flexible post-production editing.

Share the content directly over your network using unicast, 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 SFTP, FTP, SCP, RSYNC or CIFS.



CAPTURE STREAM RECORD






FEATURED SUPPORTED CONTENT DELIVERY NETWORKS



FEATURED SUPPORTED CONTENT MANAGEMENT SYSTEMS



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.