Epiphan Pearl hardware encoders are powerful, easy to use – and fully integrated with Panopto

Automatic file uploading, event schedule synchronization, front-screen authentification, and other workflow enhancements make Pearl systems the perfect complement to Panopto for lecture capture, corporate presentations, and more.

How Pearl Panopto integration works

Full API integration streamlines lecture capture and enterprise communication workflows. Just register your Pearl with Panopto to start using the encoder for scheduled and unscheduled events – no complex programming required.

Hands-off streaming and recording

Register Pearl to Panopto and you can set the system to automatically stream or record at a certain time, or start unscheduled events right from Pearl's built-in screen.

From the front screen or web-based UI, users can pause and resume streaming or recording to accommodate breaks or interruptions, or extend events that are running long.

At-a-glance verification

Pearl's built-in screen will show when an event is underway and a countdown for the next upcoming event. To see a full list of scheduled events, simply hop into Pearl's intuitive UI.

Easy event and production management

Pearl systems automatically push scheduled recordings to the correct folder on Panopto, saving administration time after events. For unscheduled events, users can authenticate to Panopto right from Pearl's built-in screen.

Network issues while streaming are no problem with Pearl, which can automatically replace incomplete or low-quality events on Panopto with local recordings. Plus, set up schedule-specific configuration templates in the Panopto dashboard to automatically configure Pearl when creating an event.

epiphan video
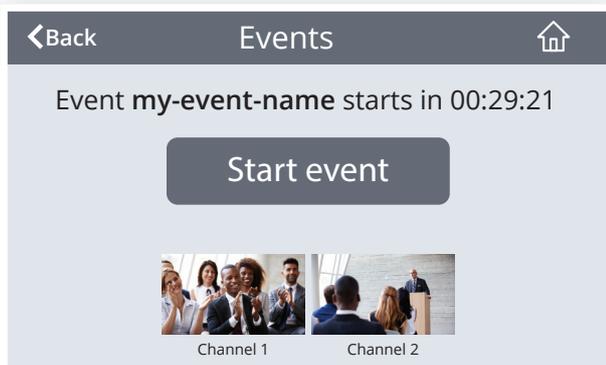
Why use Pearl with Panopto

Purpose-built for recording and streaming, Pearl hardware encoders make it simple to produce videos that look and sound professional.

Most comprehensive Panopto integration

Get the most flexibility and functionality for video recording and streaming.

Signal streaming and recording

Connect a USB status light* to let audiences know streaming or recording is underway.

Integrate with Crestron

Add Pearl to your AV system with the help of the extendable Crestron-developed Control Module for Pearl encoders.

Built-in screen

Authenticate to Panopto right from the device. Preview and monitor video and audio sources. Pause, resume, and extend in-progress events.

Flexible streaming

Stream to multiple CDNs with SRT, HLS, MPEG-DASH, RTMP, and RTMPS.

IT friendly

Securely add Pearl to any network with DHCP and LDAP support, 802.1x, SSL, and more.

Custom layouts and ISOs

Combine sources on dynamic layouts or capture up to six ISOs.

Multiple video inputs

Add HDMI, SDI, USB, RTSP, SRT, and NDI sources in up to 4K. For confidence monitoring, output up to six inputs or channels on a single screen.

Professional audio

Connect XLR or ¼" TRS professional audio, or RCA and 3.5 mm.

* Select models from Busylight and Delcom Products are supported.

epiphan video
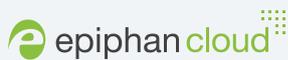
e epiphan cloud

Monitor and control events in the cloud

Epiphan Cloud lets you conveniently review scheduled Panopto events, check the status of integrated encoders, and start, stop, pause, or add time to ongoing events.
epiphan.com/cloud

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| | Pearl-2 | 10.1.2.208 | 43 / 500 GB | System Load |

☑ Classroom 1A —))) Start

☑ Classroom 1B — ☑ Zoom Class))) Start

☑ YouTube))) Start

Live Transcription
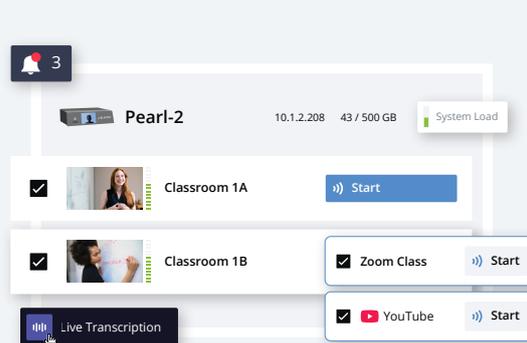
A Pearl for every requirement

Pearl Nano

Ideal for small-scale productions, SRT contribution encoding, and as a streamer/recorder add-on to an existing setup.

Pearl Mini

Offers the all-in-one functionality of Pearl-2 in a more portable chassis with a giant touch screen for maximum ease of use.

Pearl-2

Brings the pro features and processing horsepower required for the most demanding video production use cases.*

Learn more about Pearl systems

epiphan.com/products

Schedule a one-on-one demo

info@epiphan.com

* Pearl-2 Rackmount model is available.