



Pearl remote recorders for Panopto

- Professional grade audio inputs with XLR, ¼" TRS, RCA, 3.5 mm stereo, and USB inputs. (Phantom power available on Pearl Mini.)
- Fully integrated for a seamless Panopto workflow to capture, record, and webcast multiple HD video sources.
- Supports video inputs from HDMI, SDI, USB (UVC/UAC), RTSP, SRT, and NDI over Ethernet sources up to 4K.
- Built-in touch screen for live preview confidence monitoring, authentication, switching, and control.
- On-screen count-down timer and one-touch start/stop of scheduled sessions.
- Scheduled sessions automatically start/stop and upload to Panopto.
- On-screen user authentication for easy, on-demand recording.
- Record scheduled, recurring, and on-demand sessions.
- Record backups locally.

Pearl remote recorders are the most accessible and easy-to-use video capture and webcasting devices integrated with Panopto.

The Pearl family of video production encoders are fully integrated with Panopto and the only remote recorder with a built-in touch screen for confidence monitoring and secure login. Record multiple sources up to 4K without the guess work. Instantly verify that video sources are connected and if there's audio with a simple glance at the touch screen. Simply register Pearl and it's ready to record and stream your scheduled, recurring, and on-demand sessions.



Full integration simplifies scheduled and on-demand sessions

Pearl's fully integrated interface makes it easy to create videos with confidence. A count-down timer and the session title display on Pearl's touch screen before each session. Scheduled sessions start, stop, and upload recordings automatically to Panopto. Or you can start/stop sessions earlier with a simple tap. The touch screen also enables authentication so teachers, students, and staff can start on-demand recordings fast. Authentication ensures that only authorized people can start unscheduled recordings and files upload to the right Panopto folder.

Multiple-source recording, webcasting, and professional audio with flexibility

No other Panopto remote recorder offers the flexibility that Pearl does. Connect video from HDMI, SDI, USB, RTSP, and NDI sources. Take pro audio signals from XLR, 1/4" TRS, RCA, 3.5 mm stereo inputs as well as embedded audio. With Pearl, you're never limited to a single streaming or recording platform. It's the ultimate all-in-one video production system for live switching and streaming to multiple CDNs using SRT, HLS, MPEG-DASH, custom RTMP/RTMPS, RTSP over TCP/UDP, MPEG-TS, and FLV. Multicast directly to viewers on the local network using MPEG-TS UDP, MPEG-TS RTP/UDP, or RTP/UDP while at the same time stream UPnP to smart TVs in overflow rooms. Record multiple channels locally and automatically upload them to remote servers. Those are just some of the many possibilities with Pearl.



Pearl-2



Pearl Mini



Pearl-2 Rackmount



Pearl-2 Rackmount Twin

ADVANTAGES

A Pearl for any requirement

Whether you're doing flipped classrooms, remote medical training, multiple camera live events with switching, business meetings or government proceedings, there's a Pearl model to meet your video capture and live streaming needs.

Most comprehensive Panopto integration

Pearl offers the most flexibility for video recording and webcasts plus fully automated Panopto workflows for simple scheduled, recurring, and on-demand sessions. Recordings upload automatically. Users can even authenticate with Panopto using Pearl's touch screen.

Multiple video inputs

Connect any kind of video source to Pearl from HDMI, SDI, USB, or networked SRT, NDI and RTSP sources in resolutions up to 4K.

User authentication

Unique to Pearl, you can login from the touch screen and start an unscheduled recording that automatically uploads directly to your Panopto account saving time for the Panopto administrator.

Live previews and monitoring

Use Pearl's touch screen to monitor live feeds of your video sources before and during sessions. A real-time count down timer shows the status of scheduled Panopto events before they begin.

Easy one-touch operation

Pearl's touch screen start/stop feature makes it the most user-friendly encoder for easy lecture capture and the simplest all-in-one video production power house on the market.



Professional audio inputs

Best-in-class support for multiple audio inputs including XLR (48V phantom), 1/4" TRS, RCA, 3.5 mm stereo, USB, and embedded audio. You can choose which audio sources to include on the outputs and video recordings.

Open platform

You're never tied to just one platform. Easily take Pearl from the classroom and put it to work at your next live event as your all-in-one video production switching, recording, and streaming system. Pearl has the most custom streaming and recording options available to choose from for the ultimate in flexibility.

Crestron control module

A Crestron-developed Pearl control module is available for easier integration into Crestron AV systems.

IT friendly and secure

Easy out-of-the-box network setup with DHCP and static IP support. Pearl systems are IT friendly with security features like LDAP support, role-based access control, 802.1x network access control, RTMPS, SSL, and more.

Easily stream to multiple destinations

Flexible all-in-one video production system with extensive list of streaming protocols for easy streaming to overflow rooms including multicast streaming, UPnP, and NDI.

Ready for any application

Pearl's not limited to just lecture capture. It handles any video capture application including multi-camera live events, live streaming webinars, training sessions, and more.