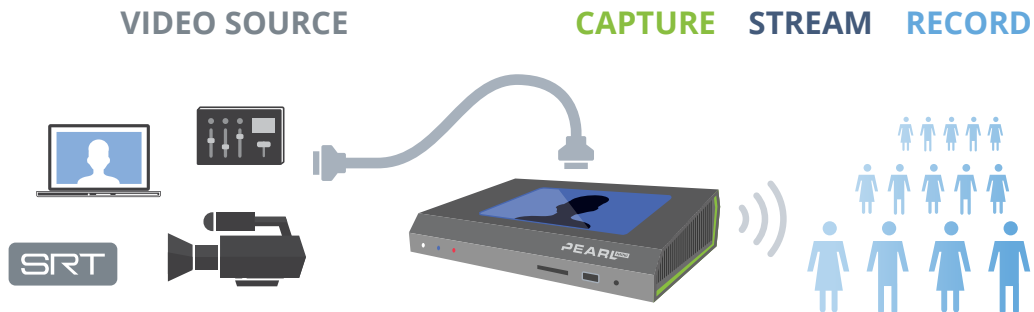PEARL MINI

Bring your **video production** studio with you

epiphan video

Epiphan Pearl Mini™ All-in-one live video production

The most reliable, all-in-one video production system that's small in size and big on pro features. Record, stream, and switch up to three HD inputs simultaneously and take your video production to the next level with Pearl Mini.

VIDEO SOURCE   **CAPTURE** **STREAM** **RECORD**

SRT

Live event workhorse

Setting up for a live event has never been easier than with Pearl Mini. Get up and running in minutes to stream, record, and switch your event. Pearl Mini is built for durability in the field and delivers high-quality results in any situation.

"Pearl has been a game-changer in our product lineup."

Glenn Frasier, Freeman

Simplified lecture capture

Trusted by the world's leading academic institutions, Pearl Mini is the ultimate lecture capture device. While it's incredibly easy to use for operators and professors, it also has a robust set of features designed for integration into an LMS or CMS.

Direct integration with Panopto, Kaltura, and YuJa CMSs

"I'm very happy with our decision to use Pearl; it's now our lecture capture standard."

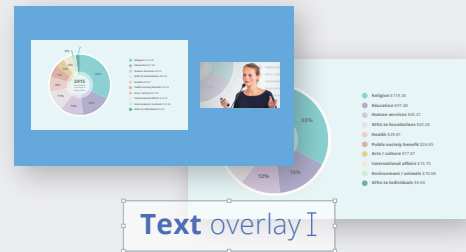Gabe Russell, Harvard Division of Continuing Education

Connect any camera or video source

Be ready for anything. Pearl Mini allows you to work with HDMI, SDI, USB, DVI, SRT, and RTSP sources. No signal converters or scalers necessary!

Custom layout designer

Design your own custom layouts, including picture-in-picture and image overlays, using the drag-and-drop editor in Pearl Mini's web-based Admin panel. Combine, crop, and scale HD video sources. Add overlay images, text, timestamping, and more.
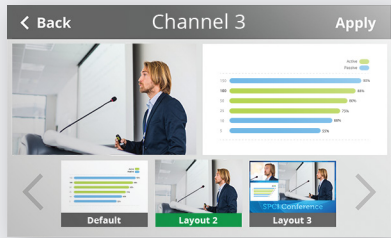
Pro audio support

Use mic-level XLR (phantom) and 3.5mm inputs or line-level 1/4" TRS and RCA inputs. Built-in attenuation and gain control deliver perfect sound fidelity.

Stream to viewers everywhere

Simultaneously live stream to YouTube, Facebook, or any other CDN. Supported protocols include SRT, HLS, MPEG-DASH, RTMPS, and more. At the same time, use the built-in streaming server to stream locally to web browsers and set-top boxes.

Switch video sources live

Incredibly easy to use, Pearl Mini's touch screen makes switching between your connected sources or layouts a breeze. Or use the web-based Epiphan Live to do remote monitoring and switching from your phone or tablet.

1080p HD recordings

Pearl Mini's hardware-accelerated encoder provides flawless H.264 encoding for maximum performance. Record as a produced program out or as individual ISOs.

H.264

Local video output

Send your content to front of house or to a larger confidence monitor with Pearl Mini's HDMI video output. Configure to share any input source or switched program output.

Remote login

Log in to your Pearl Mini securely from anywhere over an Internet connection. Quickly take control of Pearl Mini for remote rescue troubleshooting, support technicians in the field, control recording, switching, and more.

Removable storage
Front mounted SD card slot for your recorded footage

One Touch control
Easy streaming and recording

Headphone jack
Monitor your audio locally

7" touch screen
Confidence monitoring, switching, recording, and streaming

7"

epiphan video

Power   Streaming   Recording

PEARL Mini

Seamless CMS support for Kaltura, Panopto, and YuJu
This integration allows for multi-camera scheduled VOD events, ad hoc events, and webcasting.

Connect everything!

Video inputs
Connect camera or video sources with HDMI, SDI, DVI, and USB video inputs or networked SRT and RTSP sources

HDMI output
Share any input source or switched program output to local displays

VESA mount
Install in a rack or on a tripod

Pro audio
Use the XLR, 1/4" TRS, or RCA inputs for pro level audio

Easily integrate with Crestron AV Systems
Using the Crestron-developed Control Module, integrating Pearl into a Crestron AV system is a snap.

Video inputs	**Connectors:**	2 × HDMI™, 1 × 3G SDI, 2 × USB 3.0
	Network inputs:	SRT and RTSP
Audio inputs	**Connectors:**	Mic-level: 2 × XLR, 1 × 3.5 mm Line-level: 1 × stereo RCA, 2 × 1/4″ TRS
	Input level max:	26 dBu
Video outputs	On-board touch screen and 1 × HDMI for video output	
Video switching	During live streaming and recording via the touch screen or web UI	
Video encoding	**Codecs:**	H.264, Motion JPEG
	Color resolution:	4:2:0
	Resolution:	User selectable up to 1920 × 1200
Streaming protocols	RTMP/RTMPS, SRT, HLS, MPEG-DASH, RTSP, MPEG-TS, RTP/UDP, UPnP	
Encoded channels	Up to three 1080p programs at 30 fps (one full HD source per channel)	
Audio encoding	MP3, PCM, and AAC (sampling 16 to 48 kHz with bitrate up to 320 kbps)	
Network	1 × 10/100/1000 Ethernet port (RJ45) 802.1x network security and certificate management	
Storage	**Local SD card:**	Up to 512 GB EXT4 (user supplied)
	Local USB:	Automatic or manual copy via 3 USB 3.0 ports
	Network storage:	FTP, SFTP, SCP, RSYNC, CIFS, AWS, or WebDav servers
Recording formats	AVI, MP4, MOV, or MPEG-TS	
Control	Browser-based Admin panel, Epiphan Live portal, touch screen, remote login, HTTP, and RS-232 APIs	
Dimensions (W × D × H)	10 ¼″ x 6 ¾″ x 2 ⅜″ (261 mm x 172 mm x 60 mm), 3.8 lbs (1.7 kg)	