

PEARL MINI

Bring your **video production** studio with you





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 3 HD inputs simultaneously and take your video production to the next level with Pearl Mini.



+ 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 Fraser, 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.

New! Direct integration with Panopto and Kaltura 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 scalars 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 mean you get perfect sound fidelity.

Stream to viewers everywhere

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

moodle



vimeo

KALTURA



Panopto™



Switch video sources live

Incredibly easy to use, Pearl Mini's touchscreen 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 produced program out or as individual ISOs.



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

Login 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.



Pearl Mini features



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" Touchscreen

Confidence monitoring, switching, recording, and streaming



Seamless CMS support for Kaltura and Panopto

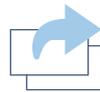
This integration allows for multi-camera scheduled VOD events, ad hoc events, and webcasting.

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 × 3.5mm 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" × 6 ¾" × 2 ⅝" (261 mm × 172 mm × 60 mm), 3.8 lbs (1.7 kg)

www.epiphan.com

Email info@epiphan.com
Toll free +1 (877) 599-6581
North America +1 (650) 644-4684
United Kingdom +44 (0)20 3744 8277

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