



Epiphan Video Pearl Nano

ProdCode: EPIESP1610

The perfect-fit streamer and recorder

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Features

- The perfect-fit streamer and recorder
- Front screen for basic configuration/control and confidence monitoring
- Inputs for HDMI and SDI, line-level XLR and RCA
- HDMI program out and pass-through for zero-latency content display
- Custom layout builder for a tailored video program
- Intuitive browser-based UI and local console
- Cloud-based configuration and control via Epiphan Cloud
- SRT, HLS, MPEG-DASH, RTMP, and RTMPS streaming protocol support
- Comprehensive integration with Kaltura and Panopto
- Power over Ethernet plus (POE+) and DC power
- SD card slot for removable storage
- Expansion bay for user-supplied M.2 SSD
- USB input for attached storage
- 802.1x network access control
- Lightweight Directory Access Protocol (LDAP)
- Secure Sockets Layer (SSL)
- [HETMA](#) approved

Fine-tuned for your productions

Pearl Nano offers the ultimate blend of portability and versatility with a refined yet robust feature set that includes ingestion, encoding, HDMI pass-through, and recording. Use Nano as a powerful and reliable video distribution device or contribution encoder, or leverage the device's streaming and recording functions as part of a more complex setup with additional production capabilities.

Small size, big capabilities

- Front screen for monitoring and easy config
- HDMI and SDI video inputs
- HDMI pass-through and program out
- XLR professional audio and RCA
- Custom layout builder
- SRT encoding and decoding

Control Nano your way

Use Pearl Nano's front screen for basic configuration and control, jump into the browser-based interface or local console to access all the features this small but mighty encoder has to offer, or centralize configuration and monitoring with Epiphan's cloud-based platform.

Key functions at your fingertips

Nano's front screen offers quick access to essential functions including basic configuration and easy streaming and recording. During events, the built-in screen serves as at-a-glance verification of your audio level and video program for production peace of mind.

Cloud-based configuration and monitoring

Streamline the configuration and monitoring of multiple Pearl Nanos and other Epiphan devices with centralized access to key device statistics including operational status, system load, unit temperature, available storage, and overall health.

Elevate your productions

Build a beautiful layout for your video program with Pearl Nano's powerful custom

layout designer. Create anything from simple picture-in-picture layouts to eye-popping compositions featuring dynamic backgrounds and other custom graphics – whatever suits your event best.

Ideal for SRT contributions

The compact and lightweight Pearl Nano supports Haivision's open-source Secure Reliable Transport (SRT) protocol for secure, high-quality, low-latency video streaming over any given network.

Pair with Panopto or Kaltura

Deep integration with Panopto and Kaltura lets you start and stop scheduled streaming or recording events using Nano's built-in screen and controls. The system can also push recordings to a user's folder on either platform to save administration time after events.

Set up and stream

Built-in video and professional audio inputs

Simplify your streaming and recording setup with the ability to directly connect HDMI and SDI video sources to Nano along with professional XLR audio and RCA.

HDMI pass-through

For easy confidence monitoring or content projection, Nano's HDMI pass-through can display video sources on in-room monitors with zero latency.

Broad streaming protocol support

Stream to any content distribution network or streaming server using modern protocols like SRT, HLS, or MPEG-DASH, or more common ones like RTMP or RTMPS.

Power over Ethernet Plus (PoE+)

Streamline your setup even further with the ability to power Nano over Ethernet in addition to DC power.

A perfect fit for key applications

Compact encoder for live production

Use Nano as your perfect-fit encoder for small-scale live events. Built-in inputs for video and professional audio, HDMI pass-through, and PoE+ make setup a breeze.

Add on to your production setup

Leverage Nano's advanced and easy-to-use streaming and recording functions as part of a more complex setup that includes additional production capabilities.

SRT contribution encoder

Thanks to its small size, SRT encoding and decoding capabilities, and end-to-end control, Nano is an ideal contribution encoder for remote guests.

Flexible storage

Nano makes it easy to record, transfer, and back up files with a variety of storage options.

Remove

Pearl Nano includes an SD card slot on the front of the device for removable storage.

Expand

Need more local storage? Just add an M.2 SSD to Nano's expansion bay.

Attach

Nano can automatically transfer recorded files to a USB drive, local server, or network-attached storage device.

No-fuss networking and security

Easily add Pearl Nano to any network and prevent unauthorized access with a bevy of security features including DHCP and LDAP support, role-based access control, 802.1x network access control, and SSL.

