

# Epiphan Video Pearl Nano

**ProdCode: EPIESP1610**

The perfect-fit streamer and recorder

[\[Download Images\]](#) (.zip file)

## 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.

---

## **Need Further Support?**

If you have any questions or require additional support regarding this product release, please do not hesitate to contact us. Our team is here to assist you with any inquiries or provide further information or marketing collateral as needed.

### **Contact Us:**

- Marketing - [marketing@holdan.co.uk](mailto:marketing@holdan.co.uk)
- Sales - [sales@holdan.co.uk](mailto:sales@holdan.co.uk)
- Technical Enquiries - [techsales@holdan.co.uk](mailto:techsales@holdan.co.uk)
- Request Demo product loans - [demo@holdan.co.uk](mailto:demo@holdan.co.uk)

We value your partnership and are committed to ensuring a successful product launch.  
Thank you for your continued support.