



Epiphan Video Pearl Nexus

ProdCode: EPIESP1882

Rackmountable all in one video production system

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

Features

- Rackmountable all in one video production system
- Supports up to three HD video sources in a single channel with two picture in picture layouts under certain condition
- Simplify video capture, streaming, and recording
- Best of both, rackmount or desktop
- Plays nice with everything
- Connect anything
- Make every video an experience
- Automated recording and streaming, for peace of mind
- Easy to manage at scale
- Dimensions (W × D × H): 19" × 7 1/2" × 1 3/4" (465 mm × 184 mm × 43 mm)
Rackmount brackets installed, rubber feet removed
- Weight: 2.4kg (5.3 lbs)

Designed with flexibility in mind, Nexus fits at the center of video workflows, seamlessly integrated with all of the hardware and software used in professional AV environments.

Seamless integrations

The most flexible recording and streaming appliance for automating video in any space.

- Panopto
- Kaltura
- YuJa
- Crestron
- Q-SYS
- Extron

Total control, effortless automation

- **Scheduling**
Ensure no missed recordings or last-minute hiccups with full automation of your recordings and livestreams
- **Plug n' play configuration presets**
Save time with preset loading for switching event types, or transferring settings between Pearls
- **Control from anywhere**
Using Epiphan Edge™, Pearl can be controlled from anywhere. Get real-time video streams of inputs and channels in HD

Easy to manage at scale

Managing hundreds of devices from a centralized hub has never been easier. Epiphan's cloud-based fleet management platform gives you faster device deployment, easy maintenance, and guaranteed uptime.

- Full remote access
- Live switching and production from the cloud
- Real-time alerting of any issues

Make every video an experience

Get creative with fully custom layouts, switching, branding, and graphics for exceptional content.

- **Easy custom layouts**

Get creative with any arrangement of video inputs, graphics, text, and media into custom layouts.

- **Media playback**

Add video content to your layouts or elevate your production value with motion video backgrounds.

- **Switching**

Create dynamic events by switching between layouts using the easy-to-use, web-based switcher UI.

- **Professional graphics**

Pearl has seamless integration with tools like Singular.Live, Uno, and Flowics for stunning graphics.

- **Dynamic text**

Use dynamic text for timestamps, GPS, or other relevant data to support your content.

- **Remote guests**

Bring in remote guests for a hybrid event through SRT, Zoom, or Teams

Recording you can count on

Rest easy, with simultaneous recording of multiple inputs (ISOs) and switched programs to local and networked storage.

- **Automatic file upload**

Automate your recordings to sync with any networked storage, attached USB drive, or CMS.

- **1 TB internal SSD**

Keep all of your recordings safe on the included internal SSD SATA storage.

- **Multi-recording**

Record full-resolution ISOs of your inputs to ensure you always have the best footage captured.

Secure live streaming and control

Stream using the latest protocols, and get your content everywhere it needs to go, securely.

- **Digital certificate management**

Pearl Nexus supports PEAP, EAP-TLS, and EAP-TTLS authentication access control methods on 802.1x networks using passwords, usernames, and digital

certificates. Easily upload and manage digital certificates on Pearl Nexus via the Admin panel.

- **Role-based access control and LDAP support**

Log in to Pearl Nexus with administrator, operator, or viewer privileges. LDAP authentication support lets you define domain name (DN) groups to assign user roles in bulk to let users log in with their LDAP credentials.

- **Secure streaming**

Get end-to-end secure streaming with up to 256-bit AES encryption using SRT, encrypt content over TLS/SSL connections with RTMPS, or use HLS for secure live streaming over HTTPS.

- **HTTPS and SFTP secure data transport**

Securely access the Admin panel and configure Pearl Nexus over an HTTPS connection. Encrypt and send sensitive recordings from the system to offsite SFTP servers using Automatic File Upload.

Success is in the finer details

Learn why Pearl is the most award-winning recording and streaming product in the industry.

- **Configuration presets**

Quickly apply settings to Pearl Nexus and reconfigure on the fly for a consistent setup every time. You can even download a configuration preset and upload it to another Pearl Nexus system.

- **AV sync**

Adjust AV synchronization on each video input from -300 ms to 300 ms and instantly preview the results.

- **USB camera control**

Control the contrast, brightness, saturation, and other settings of connected USB webcams from Pearl's Admin panel.

- **Built-in EDID compatibility**

Pearl Nexus features a robust, factory-set Extended Display Identification Data (EDID), ensuring video input ports correctly emulate a monitor for the connected source. The system also supports custom EDIDs.

- **Local Admin panel**

No need to bring along a laptop to configure Pearl Nexus. Connect a USB mouse, keyboard, and HDMI monitor for easy Admin panel access. You can even use a touchscreen monitor for added ease.

- **On-air status light**

Connect a USB status light* to signal when streaming or recording is underway.

- **API and RS-232**

Pearl Nexus features comprehensive HTTP/HTTPS and RS-232 APIs for third-

party integrations.

- **Time sync**

Use an NTP (RFC 868), RDATE, or PTP v1 (IEEE-1588-2002 V1) server to synchronize the time the system uses for timestamps and labeling recordings, or set the system time manually.

*User-supplied. Select models from kuando Busylight and Delcom Products are supported.

Meet your new problem solver, Pearl Nexus

Simplify video capture, streaming, and recording

