

# Pearl

LIVE VIDEO PRODUCTION

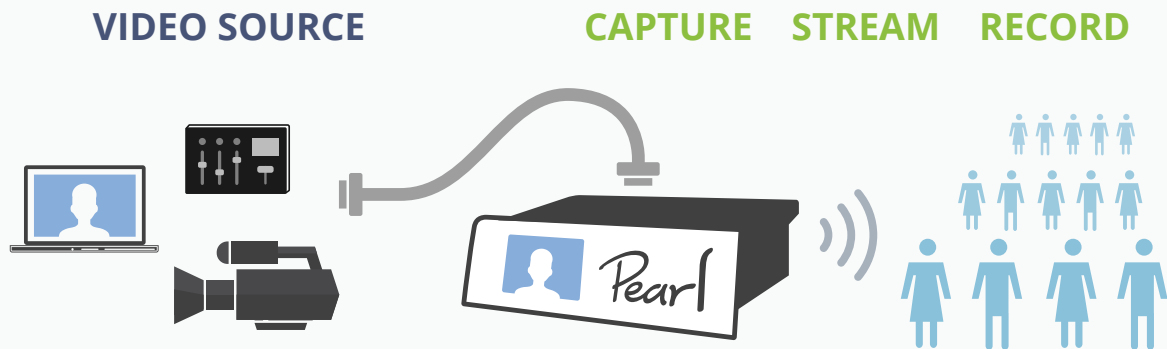
Switching  
Streaming  
Recording



epiphan video

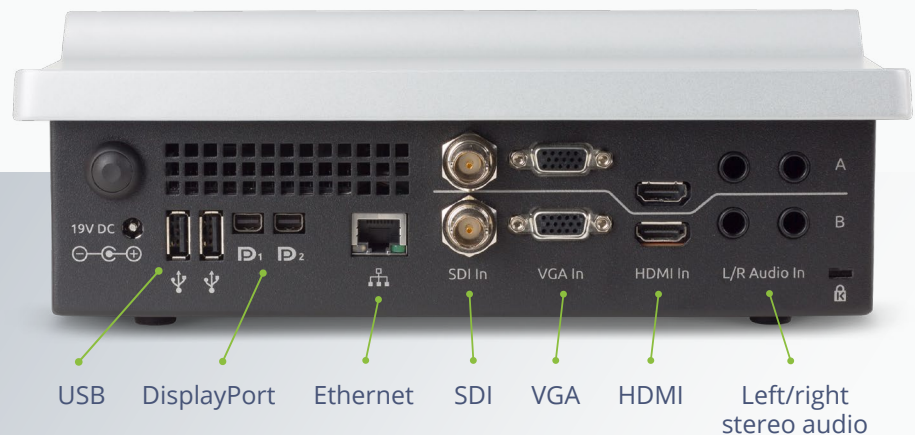
capture • stream • record

Pearl™ is a production video switcher with live streaming and recording. Use the built-in scaler and video mixer to create custom picture in picture layouts from up to four HD video sources including IP cameras. Record your videos while simultaneously streaming four 1080p video streams at 30 fps.



**Capture** 4 HD sources

**Output** 4 streams



Choose from 3 models

Pearl

For portable live production.  
Includes a hard-shell carrying case.



Pearl  
RACKMOUNT™

All the same features of Pearl,  
designed for installation in a rack.



Pearl  
RACKMOUNT TWIN™

Two completely independent Pearl systems  
for high density rack installation.



# EPIPHAN LIVE

Simple to use monitoring and live switching between sources or layouts using Epiphan Live, a control interface designed for ease of use with touch screen devices.



## Plug and play, or tweak to perfection

Let Pearl set everything for you automatically, or use the web-based Admin panel to configure bitrate, frame size, layouts and more!

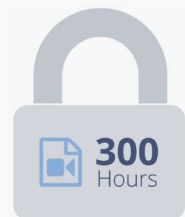


## Output video for local displays

Show any source or program channel at front of house or on a larger confidence monitor at up to 1080p.

## Keep your recordings safe

Hold hundreds of hours of HD recordings and configure automatic file transfer to a local USB drive or network drives.





## Capture 4 HD sources at once

Pearl can capture just about any HD video source you have. IP cameras, HDMI, SDI, VGA and analog audio support.

## Stream to viewers everywhere

Stream using the built-in streaming server or out to any CDN. Have as many as four different 1080p streams at 30 fps – all from one Pearl!



## Switch video sources live

Pearl is a video mixer! Use the touch screen or **Epiphan Live** interface to preview and change the live content.

## Create custom layouts

Completely customizable, drag and drop layouts with cropping and image overlay support.





\* Specifications are for Pearl and Pearl Rackmount. Pearl Rackmount Twin is comprised of two independent Pearl systems.

<b>Video inputs</b>	2 × SDI, 2 × HDMI™ (DVI), 2 × VGA
<b>Audio inputs</b>	2 × ¼" left/right TRS audio, SDI audio and HDMI audio
<b>Video output</b>	On-board touchscreen and 2 × DisplayPort for video output
<b>Video switching</b>	During live streaming and recording via the touch screen or web UI
<b>Video encoding</b>	<b>Codecs:</b> H.264, MPEG-4, Motion JPEG
	<b>Bitrate:</b> 100 to 9999 kbit/s
	<b>Color resolution:</b> 4:2:0
	<b>Frame rate:</b> 4 × 1080p streams at 30 fps each
<b>Audio encoding</b>	MP3, PCM and AAC (sampling 16 - 48 kHz, bitrate up to 320 kbps)
<b>Network</b>	1 × 10/100/1000 Ethernet port (RJ45)
<b>Storage</b>	<b>Local hard drives</b> 1 TB HDD (512 GB SSD for rackmount models)
	<b>Local USB</b> Automatic or manual copy via 2 USB 2.0 ports
	<b>Network storage</b> FTP server or copy via FTP, SFTP, SCP, RSYNC, CIFS
<b>Recording formats</b>	AVI, MP4, MOV or MPEG-TS
<b>Control</b>	Web UI, touch screen as well as comprehensive HTTP and RS-232 APIs
<b>Product dimensions</b>	Pearl: 10 ⅝" x 3 ¼" x 7 ⅜" (270 mm x 82 mm x 187 mm), 3.4 lbs (1.54 kg)
	Pearl Rackmount and Pearl Rackmount Twin: 19 ⅝" x 3 ½" x 10 ⅝" (498 mm x 89 mm x 270 mm), 12.1 lbs and 14.6 lbs (5.5 kg and 6.6 kg)

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