

Quick comparison chart

Each Pearl model is built from the ground up and designed specifically for video enhancement, capture, streaming, and recording. Discover which Pearl system best meets your needs.



Pearl-2



Pearl Mini



Pearl Nexus



Pearl Nano

Flagship model with up to 6 encoded channels

[Learn more](#)

Intuitive touchscreen operation with up to 3 encoded channels

[Learn more](#)

Up to 3 encoded channels in a 1RU form factor

[Learn more](#)

Portable 4K single-channel encoder

[Learn more](#)

6+
video inputs

3
video inputs

3
video inputs

2
video inputs

4K
6 encoded channels
500 GB internal SSD

HD
3 encoded channels
SD card (user-supplied)

HD
3 encoded channels
1 TB internal SSD

4K
1 encoded channel
SD card (user-supplied)

Encoded channels

6 x Full HD
or
1 x 4K

3 x Full HD

3 x Full HD

1 x 4K

Video inputs

2 x 4K HDMI
2 x HDMI
2 x 12G SDI
2 x USB

2 x HDMI
1 x 3G SDI
2 x USB

2 x HDMI
1 x 3G SDI
2 x USB

1 x 4K HDMI
1 x 12G SDI

Audio inputs

4 × XLR
1 × RCA (stereo pair)

2 × XLR/TRS
1 × 3.5mm
1 × RCA (stereo pair)

2 × XLR/TRS
1 × 3.5mm
1 × RCA (stereo pair)

2 × XLR
1 × USB
1 × RCA (stereo pair)

Network inputs

SRT
NDI
NDI|HX
RTSP

SRT
RTSP
NDI|HX

SRT
RTSP
NDI|HX

SRT
RTSP

Video output

2
2 × HDMI

1
1 × HDMI

1
1 × HDMI

1+1
1 × HDMI
1 × HDMI (pass through)

Resolution

4K
Up to 2160p (4K)

Full HD
Up to 1080p (Full HD)

Full HD
Up to 1080p (Full HD)

4K
Up to 2160p (4K)

Storage



512 GB SSD



SD card (user supplied)
SATA M.2 SSD (user supplied)



1 TB SSD



SD card (user supplied)
SATA M.2 SSD (user supplied)

Power

DC

DC

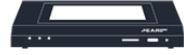
DC

PoE+ or DC

Form factor



Portable desktop model



Portable desktop model with 7". VESA mountable.



1RU with detachable mounts



Portable desktop model
(Optional 1 RU Rack Shelf sold separately)



19" rackmount model

Dimensions

Desktop: 11.81" × 9.45" × 3.54"
(300 mm × 240 mm × 90 mm)

10.25" × 6.75" × 2.37"
(261 mm × 172 mm × 60 mm)

19" × 7.5" × 1.75"
(482 mm × 190 mm × 44 mm)

8.13" × 5.91" × 1.69"
(206 mm × 150 mm × 43 mm)

Rackmount: 19.12" × 10.88" × 3.5"
(485 mm × 276 mm × 89 mm)

Weight

Desktop: 8.38 lbs (3.8 kg)
Rackmount: 12.1 lbs (5.5 kg)

3.8 lbs (1.7 kg)

5.3 lbs (2.4 kg)

2.0 lbs (0.907 kg)

For a full list of features and in-depth tech specs, see the product pages:

[Pearl-2,](#)

[Pearl Mini,](#)

[Pearl Nexus,](#)

[Pearl Nano.](#)