

Coming Fall 2023

LEGION ADC HD™



The LEGION ADC HD™ offers fully parallel operation for simultaneous data acquisition from all channels without multiplexing in an ultra-compact external USB enclosure.

Each unit supports 128 element detectors. It was designed by **PhotoSound** for massive parallel data acquisition utilized in photoacoustic, laser-induced ultrasound, and X-ray acoustic real-time imaging applications.

Fast

- 128 Channels at 80 MS/s

Real-Time Streaming

- Continuous streaming with no buffering or multiplexing

High Channel Count

- 128- 4096 Channels
(1-32 Legion ADC's in parallel)

Dual Optical/ Electrical Trigger

- Up to 200 Hz

Programmable Gain

- 6 dB to 54 dB (additional 36dB pre-amplifier available)

Compact Size

- 27.69 cm x 18.0 cm x 1.81 cm

Preorder now!