



Testing Department

ImagerProX Camera



Virtual Prototyping Services
<https://SimAltum.com>
807-700-5504



The LaVision ImagerProX camera is a 4-megapixel camera that is used in double-frame mode to record the movement of tracer particles in particle imaging velocimetry setups. One camera may be used by itself for two-dimensional plane measurements, or two cameras may be used in a stereoscopic configuration in order to capture all three velocity components in a plane.

CAPACITY

- A camera resolution of 2048 x 2048 pixels
- Used with a laser, laser optics, and tracer particles to form a PIV setup to measure a flow of interest
- Maximum full image frame rate of 14.7 fps

SPECIAL FEATURES

- C- and F-mount adapters allow for use with various lenses to enable various fields of view
- Cutting pixels of the region of interest allows for higher frame rates to be achieved
- Control of camera settings and recording of camera images achieved with DaVis software
- Synchronization of multiple cameras with a laser is easily obtained through a programmable timing unit



Virtual Prototyping Services

<https://SimAltum.com>
support@simaltum.com
(807) 700-5504