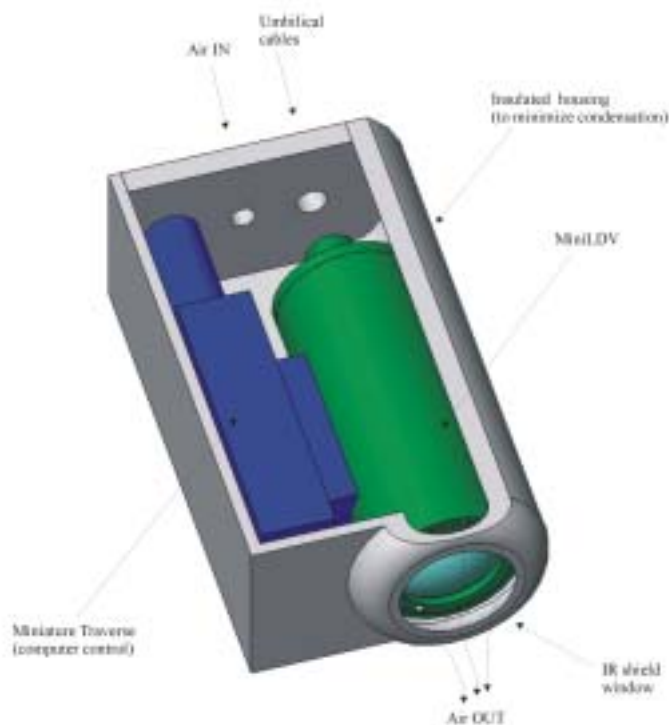


## Ruggedized MiniLDV for Surface Velocity Measurements

VioSense has introduced a more durable ruggedized design for the MiniLDV, which has been optimized for applications in industries such as paper, fabrics, metals, and fiber manufacturing.



As exemplified in the drawing above the dimensions of the entire housing are 7"L x 5"W x 3"D. The standard MiniLDV presented in green accompanied by a 1-D computer remote controlled mini-traverse with 1" range in blue is contained in a special, insulated housing with cooled air flowing through. To optimize acquisition of remote signals purpose for the remote controlled traverse is to. The housing design includes provisions for insulation against convective and radiative heat transfers from the outside. The air purge for the front optics consists of several transverse air jets that provide an air curtain to prevent mist and droplets from contaminating the optics. The air-cooling is provided by shop air passing by the sensor housing.

To learn more about Ruggedized MiniLDV, please e-mail [info@viosense.com](mailto:info@viosense.com).