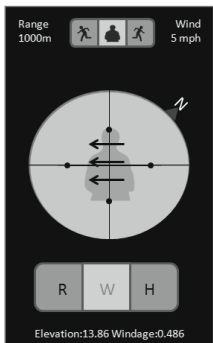


# Venom LX



Ground Station Mount



Mobile User Interface

## Continuous Wind Monitoring

Torrey Pines Logic has developed a robust crosswind measurement system for snipers that can be easily adapted to perform wind measurement from an aerostat platform or ground station out to 5-6 km.

- Unexpected wind gusts have resulted in several aerostat tether failures, causing down time that result in surveillance gaps and may have significant recovery costs
- VENOM LX wind measurement produces a low cost Wind LIDAR system capable of measuring winds out to 5-6 km from the aerostat
- Crosswind and vertical wind measured to 2 mph accuracy
- 360 degree scanning of the surveillance area provides operators with continuous monitoring of upcoming wind conditions, allowing for sufficient time to moor the aerostat
- Operator software visualizes the wind speed and vector. Trends, gusts, and wind speed predictions will provide the operator with sufficient information to decide to moor the aerostat or not
- Total package weight estimate (depending on options): 12 lbs
- Total package power estimate (depending on options): 18 W

