



Traffic Data  
Collection



# SmartLinx Micro-Sensing Platform (SLX)

## Smart City Micro-Sensing Solutions for today and tomorrow

SmartLinx micro-sensors are an innovative technology that can easily launch a smart city with low cost and low risk on existing public streetlights that have a NEMA receptacle. The micro-sensors allow for tool-less installation of various smart city sensors such as speed, air quality, noise, traffic, and other smart city/grid solutions. The SmartLinx solution can provide video surveillance, real-time speed enforcement and roadway safety programming, high accuracy counting and classifications of bicycles, pedestrians, and vehicles at a mid-block street location; increased energy efficiency from optimized public lighting schedules; and overall improved city planning wherever public streetlights are located.

### Benefits

- Durability
- Compact size
- Installation is under two minutes
- Privacy-friendly
- Site selection support
- Automated reports
- Support and lifetime warranty
- Affordable video surveillance wherever public streetlights are located



### Features

- **Speed Mapping** - Continuous. Eliminates the need to roll assets to collect speed data. Creates data-based public safety initiatives, and generates reports
- **Traffic Flow Analysis** - Provides 24/7 measurement of traffic flow/speed. Long-term traffic trend analysis
- **Acoustic Sensing** - The sensor can collect acoustic data and report results based on a threshold basis
- **Pollution Sensing** - The sensor can collect data for NO2, SO2, O3, PM2.5, and others