SLX-SPEED

SPEED ANALYTICS HARDWARE SPECIFICATIONS

0.48 kg/ 1.05 lbs

158mm

88mm

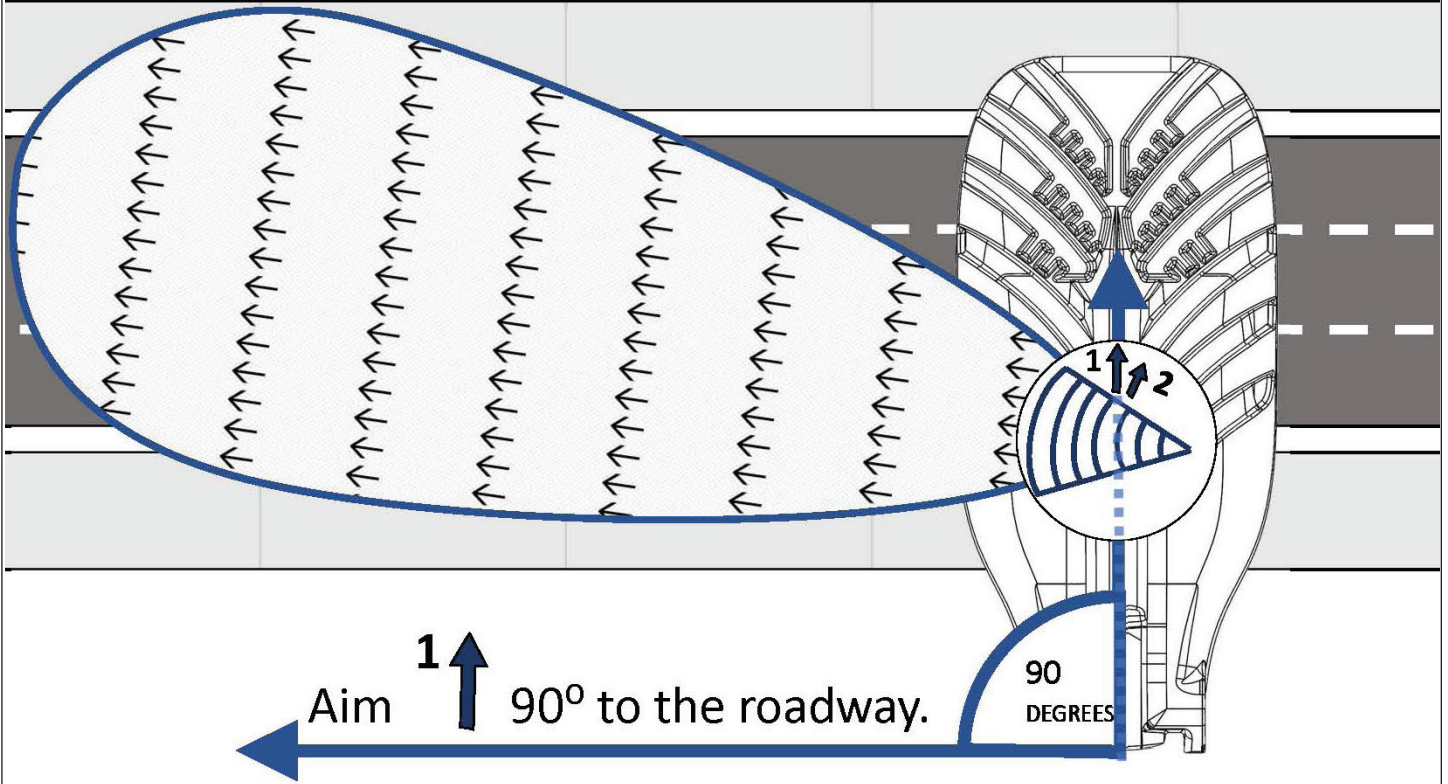| MEASUREMENT DATA	
Over-Speed	Default reporting of number of vehicles going 1-10 km/h over speed limit, 11-20 km/h over speed limit, 21 - 30 km/h over speed limit, and 30+ km/h over speed limit. The four speed bucket ranges are remotely configurable to user preferences. Over-speed data is also available by direction. Note: Miles per hour available upon request.
85th Percentile	85th percentile speed, 85th percentile speed approaching, 85th percentile speed receding
Peak Speed	Peak speed, Peak Speed-Approaching, Peak Speed-Receding
Average Speed	Average Speed, Average Speed-Approaching, Average Speed-Receding
Traffic Volume Characterization	Vehicle Count Characterization (Total, Approaching and Receding). Data suitability for ADT or AADT measurements is dependent on the road type, volume, number of lanes and congestion.
Communication	See SLX-Controls Spec Sheet
Reporting Frequency	Automatic reporting in 15 minute increments.
Configuration	Over the air (OTA) configurable for modification of parameters, firmware upgrades, etc.

CERTIFICATIONS	
Product Safety Certification	See SLX-Controls Spec Sheet for more information.
Radar Module Certification	FCC, IC
Cellular Certification	See SLX-Controls Spec Sheet for more information.

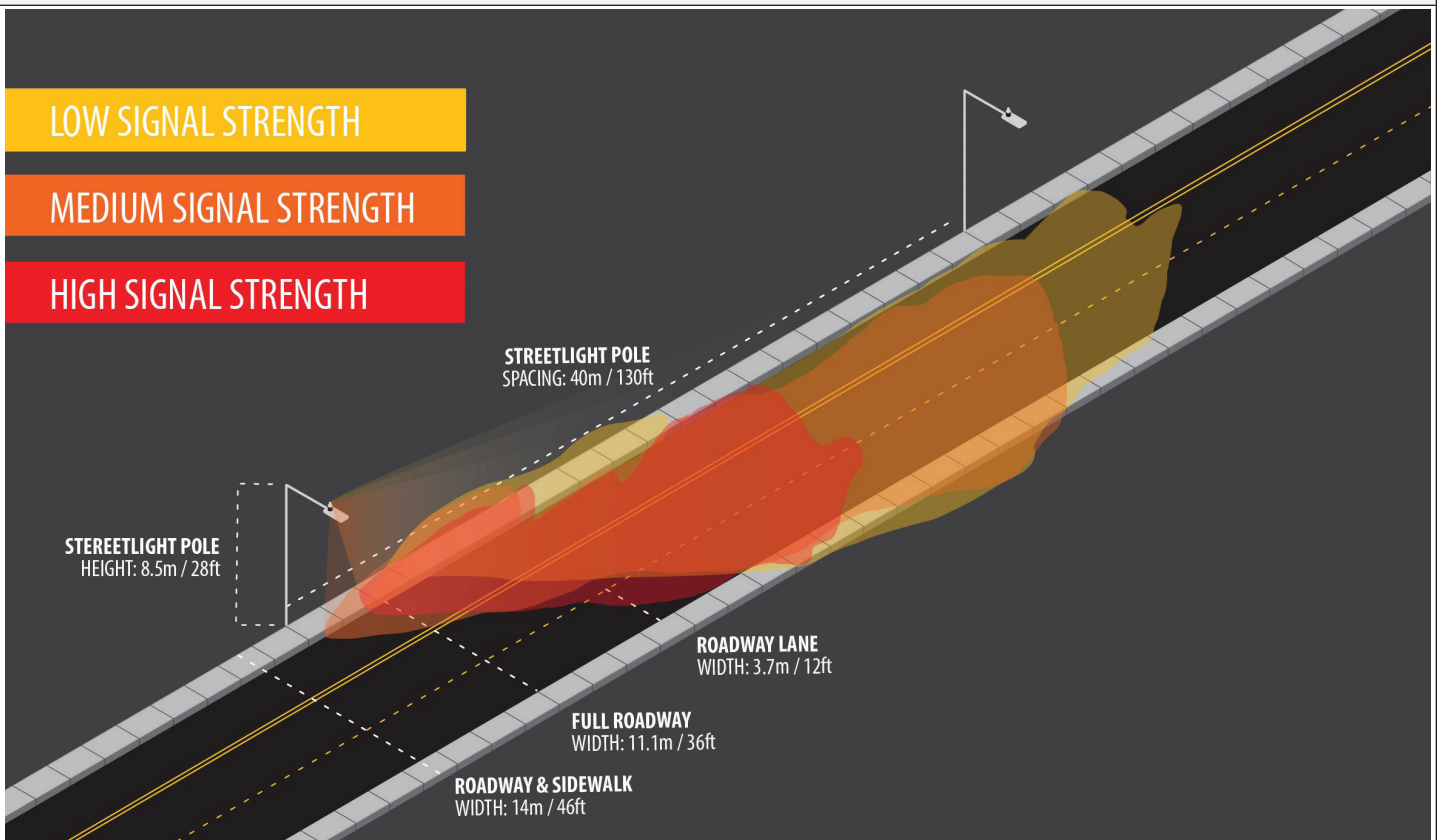| ELECTRICAL/MECHANICAL/ENVIRONMENTAL	
Electrical Input	See SLX-Controls Spec Sheet for more information. ANSI C136.10 and C136.41 compliant.
Power Consumption	2.5W Avg @120V, 3.25W Max @120V
Vandal Resistance	IK-08 rated
Ingress Protection	IP-66 rated
Temperature Rating	-40°C to + 60°C (-40°F to +140°F)

DETECTION	
Detection Method	Doppler Radar, operating at 24 GHz
Road Detection Area	See Page 2.
Speed Range	5 - 200 km/h

All information provided is subject to change without notice.

RADAR AIMING

1 Aim ↑ 90° to the roadway.

90 DEGREES

RADAR SIGNAL STRENGTH

LOW SIGNAL STRENGTH

MEDIUM SIGNAL STRENGTH

HIGH SIGNAL STRENGTH

STREETLIGHT POLE
SPACING: 40m / 130ft

STEREETLIGHT POLE
HEIGHT: 8.5m / 28ft

ROADWAY LANE
WIDTH: 3.7m / 12ft

FULL ROADWAY
WIDTH: 11.1m / 36ft

ROADWAY & SIDEWALK
WIDTH: 14m / 46ft

SMART**LINX**

SOFTWARE SPECIFICATIONS

ORDERING AND SETUP INFORMATION

Controller Part #	
Quantity	
Customer Name	
Project Name	
Approved By	
Date	
Comments	

Internal:

Network Type	LTE-M	NB-IoT	LTE
Customer ID#			

For SmartLinx Setup *(Not Required For Repeat Orders)*

Default Lighting Type Example: LED, HPS, Mixed, Other			
Dimming	0-10V	DALI	None
Address	Lat:		
	Long:		
SmartLinx Site Admin	Name		
	Phone		
	Email		

*Network Type applies to Controller.

GRAPHICAL USER INTERFACE

Intuitive easy to use, secure, 100% web based GUI.

Displays devices in both a table and map view.

Displays different devices with individual icons.

Allows users to create and save logical groups of devices as Bookmarks.

Mobile friendly utilizing single touch design.

ASSET MANAGEMENT

Auto discovery & commisioning + GPS locations of new devices.

Stores asset information for all device types (traffic, pollution, noise, lighting).

Enables users to group devices by region (Municipal District).

Enable users to add, move and modify devices.

Flexible user customizable inventory lists utilizing a built-in query language.

Flexible user customizable data export and import.

REPORTING AND ALERTS

Flexible user configurable reports based on user defined inventory lists.

Reports can be filtered by region (Municipal District).

Displays alerts by region, user definable alert levels.

Data History of any device can be displayed in a graphical view and exported as a PDF or CSV. Data History can display different sensors at the same time. For example: Displaying traffic volume and pollution levels.

Multiple devices (traffic, pollution, and noise) can be displayed in Data History to assist with analysis.

All reports can be scheduled at recurring times utilizing the Automation Center or run on-demand by the user.

SMART CITY

Supports TALQ2 Protocol for Smart Cities.

Supports Open Smart City Protocol (OSCP).

Extensive robust API for data exchange.

AUTOMATIONS AND ANALYTICS

Automation Center to allow users to define custom business logic specific to their needs.

Automation Center includes building blocks for Events, Notification Action, Ticket Actions, Analytics, Command Actions and Active Period.

Automations allows for the generation of alarms or alerts to an individual users or groups of users via email or SMS.

Automations can be filtered by Region (i.e. Municipal Districts).

Automation allows for the generation of alarms or alerts at the expiration of a timer or scheduled on a specific time and date.

Automation allows for the generation of alarms or alerts based on the analysis of incoming data.

Automation supports user generated one-time or recurring reports.

Supports heat maps analytics.

USER MANAGEMENT, ROLES & PERMISSIONS

User Management to limit users to specific Role and Group Permission.

User Roles to limit user to specific Applications and Devices.

User Permissions to limit user to Create, Update and Delete devices.

Supports Active Directory, SAML 2.0

Extensive audit trail by user, time stamp and activities.

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