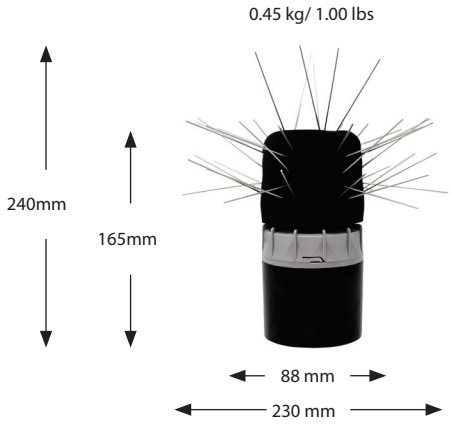
SLX-NOISE

ACOUSTIC ANALYTICS HARDWARE SPECIFICATIONS



MEASUREMENT DATA	
Peak Noise Measurement (Leq Peak)	Reporting of peak noise level recorded in 15 minute monitoring increments as default, reporting periods are configurable.
Average Noise Level (Leq Avg)	Reporting of periodic noise level recorded in 15 minute monitoring increments as default, reporting periods are configurable.
Minimum Noise Level (Leq Min)	Reporting of minimum noise level recorded in 15 minute monitoring increments as default, reporting periods are configurable
Calculation Method	Edge computing of data with cellular backhaul to SmartLinx Data Visualization Platform.
Communication	See SLX-Controls Spec Sheet
Reporting Frequency	Automatic Reporting in 15 minute increments. Shorter increments available upon request
Configuration	Over the air (OTA) configurable for modification parameters, firmware upgrades, etc.

CERTIFICATIONS	
Product Safety Certification	See SLX-Controls Spec Sheet for more information.
Cellular Certifications	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	1W Avg @120V, 1.5W Max @120V
Vandal Resistance	IK-08 rated
Temperature Rating	-40°C to +60°C (-40°F to +140°F)

All information provided is subject to change without notice.

Liveable Cities

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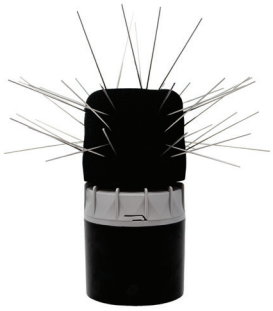
SMARTLINX

SOFTWARE SPECIFICATIONS

REPEAT ORDER		
☐ YES	☐ NO	IF YES, LAST PO #: _____



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.

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ORDERING AND SETUP INFORMATION			
Controller Part #	B671: 220-240V		
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.

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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