Smart Reach® Base Lite Installation Guide

> ### ⚠ WARNING: Professional Installation Required
>
> Before installing or using the Smart-Reach Base Lite and antennas, contact Seon Network Engineering Services or consult with a professional installer trained in RF installation and knowledgeable in local regulations including building and wiring codes, safety, channel, power, outdoor/indoor restrictions, and license requirements. It is the responsibility of the end user to ensure that installation and use complies with local safety and radio regulations.

Package Contents

The contents of a typical SRBLAC10, SRBLAC09, or SRBLAC04 installation package includes the following:

Kit Components	Installer-provided Components
• 020-1062 and/or Antenna Kit • 444-1012 – N-female to N-female connector • 085-0060 – CAT5E cable, 6.1m • 080-1086 Base with PoE • 085-0181G – Surge Arrestor	• External CAT5E cable from the base to the POE • Cable from surge arrestor to ground • Heat shrink or weatherproof tape for external connections

Connections

Antenna cable

Surge arrestor

Ground cable*

Antenna types and mounting assemblies are not shown

Adaptor plug to AC power

To Network PC

CAT5E⁺ cable

Inline coupler

N-Female to N-Female connector

Smart Reach Base Lite

CAT5E cable (external grade)*

PoE injector

* Installer-provided
⁺ Installer-provided (if required)

Location Requirements

Find the appropriate antenna and base installation locations.

- The antenna should be located five to ten feet above the roof level of the buses and within the distance of the provided cable to the base.
- The base should be located in a secure and accessible location.

Antenna Connections

1. Connect the antenna bracket to the building or pole, depending on the antenna type in use.
2. Connect the antenna to the bracket
3. Connect the surge arrestor to the antenna.
4. Connect the ground cable to the surge arrestor and connect to a proper ground.
5. Connect the antenna cable to the surge arrestor and run to the Smart-Reach Base Lite location.
6. Connect the N-Female to N-Female adapter to the cable.
7. Assemble the components (consult the Connections diagram on page 1).
8. Connect the other end of the N-Female to N-Female adapter to the Smart-Reach Base Lite.
9. Use a heavy duty external quality CAT5E cable from the Smart-Reach Base Lite to the POE.

> **❶ CAUTION: Shielded/Outdoor Ethernet cables**
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> Shielded/Outdoor Ethernet cables must be used for all connections.

10. Connect the POE to the PC or network using the provided CAT5E cable.
11. Seal all external connections.

Configuring the System

The Smart-Reach Base Lite comes pre-configured for your network. Check for stickers with IP addresses on the Base Wi-Fi device. If there are no stickers, contact Seon.

Powering the System On

When properly connected and powered, the power LED is illuminated.

The power LED is green when the device is properly connected

Customer Service Contact Information

Technical Support: 1.844.899.7366	General Enquiries: 1.877.630.7366	Email: service@seon.com

Product information and documentation can be found on the Safe Fleet Community (https://community.seon.com).