UL Requirements (North America)

Refer to the Inner Range host LAN Module Installation manual for details of UL regulatory requirements.

FCC (North America)

This device complies with Part 15 of the FCC Rules and Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:
1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Class B product:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off & on,
the user is encourage to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna
• Increase the separation between the equipment and receiver
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
• Consult the dealer or an experienced radio/TV technician for help

Warning: Any changes or modifications not expressively approved by Inner Range Pty Ltd could void the user's authority to operate this equipment

ISED (Canada)

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3 (B)/NMB-3(B)

Disclaimer

The manufacturer &/or its agents take no responsibility for any damage, financial loss or injury caused to any equipment, property or persons resulting from the correct or incorrect use of the system or its peripherals. The purchaser assumes all responsibility in the use of the system and its peripherals.

 Document Part No: 634721
Email: enquiries@innerrange.com Web: www.innerrange.com

Inner Range

SIFER Reader Add-on kit

For EliteX and PrismaX* Terminals

Part Number: 994721PCB&K

Installation Manual

The SIFER Reader Add-on kit provides an EliteX or PrismaX Terminal with a built-in Multi-format SIFER Reader allowing user operations that require a SIFER credential.
Refer to the appropriate system manual/s for EliteX, PrismaX and SIFER Reader programming and commissioning information.

Controller Firmware Compatibility

Integriti/Infiniti Controller:	V17.0.1 (EliteX) or V18.1 (PrismaX) or later.
Inception Controller:	V1.3.5 or later. (EliteX only. PrismaX not supported)

* North American Installations

In North America, this kit must only be installed in an EliteX Terminal (P/N: 995400)
For EliteX Terminal installations refer to the FCC/ISED notices on page 4.

Installing this device in a PrismaX Terminal, P/N: 996400, is not permitted within North America. Any operation of this device when installed into a PrismaX terminal host module may cause interference.

EliteX/PrismaX Terminal Installation & User notes.

When this SIFER Reader kit is fitted to an EliteX or PrismaX Terminal:

1. **Mounting Surface.** SIFER Readers are optimized for mounting on a non-metallic surface. Mounting the EliteX/PrismaX Terminal on a metallic surface will decrease the read range. To improve read range on a metallic surface, a non-metallic spacer or mounting block that provides 8mm or more of separation is recommended.
2. **In/Out Readers.** If two SIFER products are installed back to back on either side of a Door, mount the Readers/Terminals at different heights to minimize interference.
3. **Reader Zone.** The optimum zone for presenting a credential to the Terminal's SIFER Reader is in the middle of the blue & grey function & digit key section of the keypad. i.e. Over the '4', '5', '7' & '8' keys.

Parts List

- SIFER Reader PCB assembly.
- Installation Manual (This document)
- 2 pairs of Self-adhesive Hook & Loop dots.

Specifications

Power Supply Input: From host Terminal.
Operational Current: 30mA in addition to the current already drawn by the Terminal.

Installation

Refer to drawing on page 3.

If the Terminal is already installed:

a) Disable LAN Comms & Tamper monitoring for the Terminal prior to commencing.
b) Separate the Terminal from its backplate. *See Step 1 below.*
c) Disconnect the power, LAN and any other cabling taking care not to short any of the wires. *See the Terminal's Installation manual and relevant system manual/s for details.*

1. a) Remove the retaining screw at the bottom of the case if fitted.
   b) Separate the front and rear (backplate) halves of the case by first applying gentle pressure to the two lower locking tabs in the bottom rear of the case with a small flat-blade screwdriver, while gently pulling the lower front of the case away from the rear.
   c) Next, gently pull the lower front of the housing clear of the backplate then lift upwards to release the upper locking tabs.

2. Attach two of the white Hook & Loop dots to the main PCB in the locations shown in the drawing opposite. Attach two of the transparent dots in the corresponding locations on the SIFER Reader board.
   NOTE: PrismaX is shown for reference. EliteX is very similar.

3. Keeping the Reader board on a slight angle to prevent the Hook & Loop Dots from making contact, connect the SIFER Reader board 4-pin header into the socket on the Terminal, then gently press the board down so that the Hook & Loop dots make contact.
   NOTE: When connected, it is normal for a gap of ~1mm to exist between the black parts of the connectors.

4. Install/Re-install the Terminal as described in the Terminal's installation manual.