COMPLIANCE STATEMENTS

1. FCC Statement
   a. The IMC-300MKII-xx Controllers have 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 and on, the user is encouraged to try to correct the interference by one or more of the following measures:
      i. Reorient or relocate the receiving antenna.
      ii. Increase the separation between the equipment and receiver.
      iii. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
      iv. Consult the dealer or an experienced radio/TV technician for help.

2. ICES
   a. This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est confirmé à la norme NNB-003 du Canada.

SYSTEM REQUIREMENTS

1. Computer/tablet/mobile requirements
   a. PC running Windows 7 or higher
   b. Chrome 59.0.3071 or higher
      **After SI.FI firmware upgrades and motor commissioning is completed with a compatible PC, a mobile device may be used to control the motors.**

2. Network requirements
   a. Use 22-24 AWG CAT5 (or higher) interconnect wires with a maximum length of 328 ft. (100m).
   b. An active internet connection for firmware upgrades
      i. Accessing a SI.FI remotely requires port forwarding on the site's network.
   c. A PoE switch for installations without a PoE injector.

3. SDN requirements
   a. Prepare SDN communication wire (CAT5e or higher) with RJ-45 TIA 568B connectors on each end using the standard SDN pinout.
   b. All SDN system components properly installed.
   c. An optional device port or connection to a Somfy Bus Line.
SETUP

* NOTE: For IP addressing options please reference the SDN/SI.FI programming guide on our website.

* Mount
  - Mount unit using included DIN rail if desired.
    Extend one of the two DIN mounting ears with a small screwdriver to allow the device to snap onto the DIN rail.

* Connect
  - Connect SDN communication wire to Port 2 of the SI.FI and an open device port on the SDN system.

* NOTE: Wire length must not exceed 900 ft. to a BUS IN port. For distances longer than 900 ft. connect to a Somfy Data Hub Plus (#1860263)
  - Connect ethernet cable to the ethernet port of the SI.FI and to an available ethernet port on the site's router or network switch.
  - SI.FI powered via PoE, and provides a maximum of 40 SDN power units when configured this way without a bus power supply.

* NOTE: Please contact Screen Innovations if you are interested in Zigbee or WiFi connectivity for your SI.FI devices by adding one of our Zigbee or WiFi enabling cards to your unit.

* Wire length must not exceed 328 ft. (100m) between SI.FI and a port on a network switch.

* NOTE: For IP addressing options please reference the SDN/SI.FI programming guide on our website.

* Install latest SI.FI firmware
  - NOTE: Firmware updates require an active internet connection.
  - Connect your Windows PC to the same network as the SI.FI. Open Windows Explorer and click on the “Network” dropdown on the left.
  - Click on the SI.FI icon.
  - Double click on the SI.FI logo and enter the password.
    * Default password: ADMIN (password is case sensitive)
  - Click “Update” and follow the on-screen instructions.
    * NOTE: Your SI.FI will reboot after the firmware update is complete. Return to the home screen before continuing.
* Motor test:
  - Before commissioning your motors, you should test the operation of the network (all motors should have
  limits set). Select troubleshoot from the menu. Select either the up or down arrow. All motors on the system
  should move to either the upper or lower limit. If a motor(s) did not move, you may have to check the wiring to
  insure it has proper communication and power.

* Commission SDN motors:
  - Select the “Motors” tab and click the Spyglass icon to discover all SDN motors on the network.
  - Select the motor you wish to commission and set the label and intermediate positions.
    Repeat steps for each motor on the system (for a step-by-step walkthrough of this process please reference our
    SDN/SI.FI programming guide on our website).
  - Confirm proper motor operation using virtual keypads on the SI.FI home screen.

* Assign motors to groups
  - Click on the “Groups” tab and then the “Add” button.
  - Name the Group, then click and drag the group name to one or more of the groups columns for each of the
    previously labeled motors.
    * NOTE: All motors must be assigned to at least one group. Each motor can belong to up to 16 groups.

* Your SDN motorized products are now fully programmed and ready for control from;
  - Third-party systems
    * Connect to third-party controller via IP (refer to the full SDN/SI.FI programming guide on our website for
      more information about integration reports).
  - Somfy controls
    * Using Somfy software tools available for download on Somfy’s website.
    * Add DecoFlex SDN keypads or RTS receivers to the SDN system to complete a stand-alone SDN solution.
  - PC or Mobile device
    * Enter the SI.FI's IP address into a chrome browser window to access.